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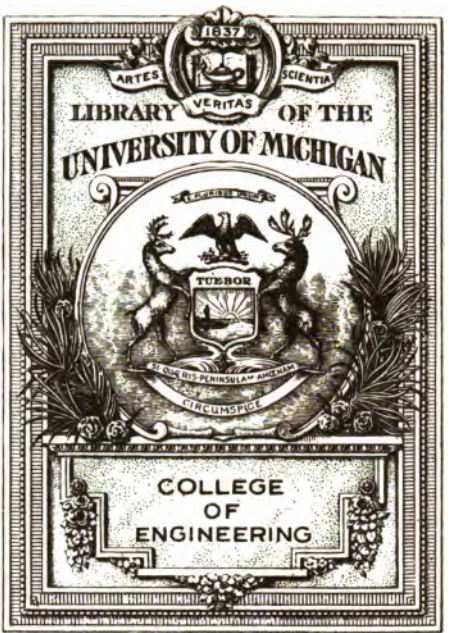

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INTRODUCTION

In the compilation of the subject part of this index the **whole papers and discussions,** not merely their titles, have been considered. To avoid omissions, scattering and unnecessary entires the indexing of subjects as opposed to the indexing of words has been emphasized. In view of these considerations entries are to be found from pages on which there are no headings or sub-headings and on which occasionally the word or words used in the index to designate or characterize the subject do not occur.

In the author index only the written **discussions** and an occasional oral one have been entered.

Liberal use of **cross-references** has been made. Attention is particularly called to those of the "see also" type; they should serve a useful purpose by directing attention to related subjects.

The **page** given in the index for a subject which runs through a series of pages within a single paper is usually the one on which the subject first occurs but occasionally it has seemed better for a subject entered from the conclusions of a paper to be referred to at that point, the user of the index being expected to refer back in the paper for experimental data, etc., leading to the conclusion without depending on the index for references. To give pages inclusive or a series of pages except in special cases is not satisfactory.

The **volume number** of the reference of an entry is not repeated under the following conditions: In the author index under a given author name if it is the same as that of the preceding entry; in both author and subject indexes if more than one page reference to the same volume is given in an entry.

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The following **abbreviations** have been used.

alk.	alkaline	equiv.	equivalent
amt.	amount	evapn.	evaporation
app.	apparatus	examn.	examination
approx.	approximately	expt.	experiment
aq.	aqueous	f. p.	freezing point
at. wt.	atomic weight	g.	gram(s)
av.	average	insol.	insoluble
b. p.	boiling point	kg.	kilogram
calcd.	calculated	lab.	laboratory
calcn.	calculation	manuf.	manufacture
cc.	cubic centimeter(s)	max.	maximum
chem.	chemical	mol.	molecule, -lar
coeff.	coefficient	mol. wt.	molecular weight
compn.	composition	m. p.	melting point
compd.	compound	pptn.	precipitation
cond.	conductivity	prepn.	preparation
const.	constant	satd.	saturated
cryst.	crystalline	satn.	saturation
crystd.	crystallized	sepn.	separation
crystn.	crystallization	sol.	soluble
decompd.	decomposed	soln.	solution
decompn.	decomposition	sp. gr.	specific gravity
detn.	determination	temp.	temperature
dil.	dilute	vol.	volume
elec.	electric	wt.	weight
equil.	equilibrium		

AUTHOR INDEX

Acheson, E. G. Egyptianized clay, **6**: 31.

Albery, D. F. Accidental pink discoloration of a white enamel for terra cotta, **14**: 640.

Allen, F. B. Transverse test applied to pottery plaster, **16**: 98.

Allen, S. W. See Ries, H.

Armine, T. H. Dielec. strength of porcelains (discussion), **14**: 588.

Arnold, H. C. Investigation of the ternary system: willemite–tephroite–soda glass, **19**: 674; see Kirkpatrick, F. A.

Artz, W. H. Flow of plastic clay through dies, **11**: 411.

Ashley, H. E. Structure of silicate mixts., **4**: 208; evidences that bodies high in silica craze by over-fire (discussion), **7**: 69; limits of variation in biscuit body compn. (discussion), 89; iridescent stains on glass, 159; additions of lime to an earthenware body, **8**: 147; comparison of the various makes of Seger cones on the market, 159; testing of raw materials for a white-ware pottery, **9**: 54; pottery plaster, **10**: 76; flint blocks *vs.* wooden blocks for cylinder linings, 133; bolting-cloth sizes, **11**: 175; pyro-phys. behavior of flint fire clays, 342; colloid matter of clay and its measurement, 530; method of testing sagger mixes, **12**: 277; requirements of pottery materials, 433; technical control of the colloid matter in clays, 768; measurement of color of white ware and white-ware materials, **13**: 111; cutlery marks on glaze, 226; relations between porcelain and feldspathic earthenware, 259; see Weelans, C.

Aubrey, A. J. Relation between compn. of a fuel and its value in ceramic firings, **9**: 713; surface pimpling on salt-glazed sewer pipe, 726.

Babcock, E. S., and Binns, C. F. Improvements in app. for clay analysis, **5**: 355.

Babcock, M. G. App. for studying the drying behavior of clays, **18**: 564; see Montgomery, E. T.

Back, E. Effect of some electrolytes on clay, **16**: 515.

Bailey, J. Variation in linear shrinkage of clay test pieces, **18**: 557, 920.

Bains, T. M., Jr. Theory of flotation and its relation to the dressing of clays, **18**: 263, 888.

Baldwin, G. H. See Parmelee, C. W.; Stull, R. T.

Barrett, M. Detg. the melting points of glaze and glass silicates of the porcelain type, **11**: 80.

Barringer, L. E. Relation between the constitution of a clay and its ability to take a good salt glaze, **4**: 211; vapor glazing, **5**: 105; method for making enameled brick, 256; influence of magnesia on clay, **6**: 86; black speckle for use on a red face brick, 198; construction of a white-ware pottery (discussion), 203; strength of sagger bodies, **7**: 201; measurement of settle in brick kilns, 409; testing of enameled sheet steel wares (discussion), **11**: 338; what is the best substance to prevent clay slip from settling in the casting process? what is the effect of this substance on the body in firing? **13**: 641; sagger breakage, 645; hydrous silicates formed under steam pressure, **15**: 125; continuously operated tunnel kiln for high-grade clay ware, **18**: 106, 873; chem. porcelain (discussion), 871; presidential address, **19**: 69.

Bates, P. H. Properties of portland cement as affected by different burning temps., **15**: 420; some of the properties of white portland cement, **16**: 551.

Beecher, M. F. Tests of Iowa fire clays, **17**: 102; methods for satg. clay trials for absorption and porosity detns., **18**: 73.

Bell, M. L. Fire-proof porcelain, **9**: 637.

Berry, C. W. Settling and filtering of fire clays (discussion), **14**: 402; needs of the glass manufacturer in the way of refractories, **16**: 101.

Binns, C. F. Use of equiv. wts. in ceramic compn., **1**: 7; monosilicate glazes, **2**: 151; possibilities of porcelain in the U. S. (discussion), 180; birth of English porcelain, **3**: 142; remarks on the occasion of the elevation of the first associates to full membership, 227; progress of the ceramic art (presidential address), **4**: 19; fine grinding of potters' materials (discussion), 34; crystd. glazes (discussion), 45; opportunities for research in a factory, 82; development of the mat glaze, **5**: 50; grinding of flint and spar, 281; Egyptianized clay (discussion), **6**: 53; lessons from the St. Louis Exposition, **7**: 47; mat glazes at high temps., 115; rational analysis, **8**: 198; standard for the fineness of ground materials, 244; function of boron in the glaze formula, **10**: 158; plea for bone china, **12**: 175; calcn. of ceramic mixts. (discussion), **13**: 136; Seger's rules for correction of glaze defects (discussion), 203; coeff. of expansion data on European porcelain (discussion), 429; coeff. of expansion of white-ware mixts. (discussion), 466, 468; relative soly. of clay and flint in feldspar (discussion), 485; what is the best substance to prevent clay slip from settling in the casting process? what is the effect of this substance on the body in firing? 642;

nomenclature of clays, **14**: 815; rational analysis and glaze fit, **15**: 177; comparison of some kaolins in respect of size of grain, **17**: 356; see Babcock, E. S.

Binns, C. F., and Blumenthal, G. Production of china from domestic materials, **18**: 619, 921.

Binns, C. F., and Coats, M. A. Behavior of granular limestone in burned clay, **14**: 218.

Binns, C. F., and Saunders, M. E. Crawling of mat glazes, **19**: 597.

Binns, C. F., Zimmer, W. H., and Orton, E., Jr. Manual of ceramic calcns., **2**: 196.

Binns, C. F., *et al.* Rept. of Comm. on Ceramic Literature, **7**: 148, 274, 453.

Blackham. Crazing in enamels on cast iron (discussion), **14**: 545.

Blair, M. W. Drill for blasting shale banks (discussion), **17**: 304; elusive twenty percent paving block, **18**: 124; manuf. of promenade tile, **19**: 361.

Bleininger, A. V. Flashing, **2**: 74; rational analysis of clays for cement manuf., **3**: 46; some gaps in our knowledge of cements, **4**: 270; recent investigations in port. cement, **5**: 74; structure of silicate mixts. (discussion), 232; cement, **6**: 155; phys. chemistry of fusing silicates, **9**: 419; fusion curves, **10**: 259; viscosity of clay slips, 389; heat distribution in four industrial kilns, 412; presidential address, **11**: 45; calcn. of the amt. of heat utilized from a down-draft kiln by the waste-heat drying system, 153; effect of preliminary heat treatment on clays, 392; preheating treatment of clays, **12**: 504; relation between the porosity and crushing strength of clay products, 564; coeff. of expansion of white-ware mixts. (discussion), **13**: 468; replacement of tin oxide by antimony oxide in enamels for cast iron (discussion), **14**: 754; elec. sepn. of clay, **15**: 338; temp.-porosity relation of a clay prepd. in the plastic and in the moist condition, 570; lab. oven provided with recording attachments for the study of the drying of clays, **16**: 409; thermo-elec. phenomena observed in some silicates, **17**: 218; see Coggeshall, A.

Bleininger, A. V., and Boys, T. L. Function of time in the vitrification of a shale, **13**: 387.

Bleininger, A. V., and Brown, G. H. Viscosity of clay slips, **11**: 596; behavior of fire bricks under load conditions, **12**: 337, **13**: 210; Veritas firing rings, **16**: 222; relation between the modulus of elasticity and the porosity of burned clay, **17**: 464.

Bleininger, A. V., Brown, G. H., and Kinnison, C. S. Study of some calcareous and magnesian slags, **15**: 547.

Bleininger, A. V., and Clark, H. H. Viscosity of clay slips as detd. by the Clark app., **12**: 383.

Bleininger, A. V., and Emley, W. E. Burning temp. of limestones, **13**: 618.

Bleininger, A. V., and Fulton, C. E. Effect of acids and alkalies on clay in the plastic state, **14**: 827.

Bleininger, A. V., and Hornung, M. R. Casting, **17**: 330.

Bleininger, A. V., and Howat, W. L. Compression, tensile and transverse strength of some clays in the dried state, **16**: 273.

Bleininger, A. V., and Kinnison, C. S. Elec. cond. of clays and clay suspensions, **15**: 523; viscosity of porcelain bodies, **17**: 130.

Bleininger, A. V., and Layman, F. E. Method making possible the utilization of an Illinois joint clay, **11**: 354.

Bleininger, A. V., and Loomis, G. A. Properties of some American bond clays, **19**: 601.

Bleininger, A. V., and Montgomery, E. T. Effect of overburning on the structure of clays, **15**: 71.

Bleininger, A. V., and Moore, J. K. Influence of fluxes and non-fluxes on the change in the porosity and the sp. gr. of some clays, **10**: 293.

Bleininger, A. V., and Ross, D. W. Flow of clay under pressure, **16**: 392; vol. changes of silica brick mixts., **18**: 519.

Bleininger, A. V., and Stull, R. T. Vitrification range and dielec. behavior of some porcelains, **12**: 628.

Bleininger, A. V., and Teetor, P. Thermal study of boric acid-silica mixts., **14**: 210; viscosity of porcelain bodies, **15**: 328.

Bloomfield, C. A. Should our society adopt standard processes for the testing of clays? (discussion), **3**: 217.

Blumenthal, G. See Binns, C. F.

Boeck, P. A. App. for the detn. of the expansion coeff. of solid bodies, **14**: 470.

Bole, G. A., and Howe, R. M. Role of chlorides in the volatilization of ferric iron, **17**: 125.

Boleschweiler, A. Terra cotta kiln, **9**: 683.

Booze, M. C. Protective coatings for dryer cars, **17**: 727.

Boys, T. L. See Bleininger, A. V.

Brockbank, C. J. Surface devitrification of glasses under thermal after-treatment, **15**: 600; technical control of a window-glass tank furnace, **17**: 222; causes of stony glass and the relation of potassium carbonate to it (discussion), 760.

Brown, G. H. Method of testing clays for paving brick purposes, **12**: 265; relation between the crushing strength and porosities of clay products, **14**: 292; load tests made on magnesite, chrome and silica brick, 391; rept. on rattler tests made on brick obtained from paved streets, **16**: 364; relative thermal conds. of silica and clay refractories, 382; viscosity of some shales at furnace temps., 571; study of fire clay, shale and surface clay mixts. with reference to their porosity-temp. relations, **17**: 450; method of testing the corrosive action of slags on fire brick, **18**: 277; see Bleininger, A. V.; Klein, A. A.; Purdy, R. C.

Brown, G. H., and Howat, W. L. Use of de-

flocculating agents in the washing of clays and the effect of the process on the color, **17**: 81.

Brown, G. H., and Montgomery, E. T. Dehydation of clays, **14**: 709.

Brown, G. H., and Murray, G. A. Function of time in the vitrification of clays, **15**: 193.

Brown, H. H. See Grout, F. F.

Brown, R. E. Replacement of tin oxide by antimony oxide in enamels for cast iron, **14**: 740.

Bruner, W. L. Chromate of lead as an indicator for acid and basic fluxes, **11**: 528.

Bryan, M. L. Action of chromium oxide in glazes contg. zinc, **10**: 124.

Bryce, C. Effect of TiO_2 on point of deformation of clay, **12**: 533.

Buckman, H. O. Chem. and phys. processes involved in the formation of residual clay, **13**: 336.

Burdick, P. W. See Montgomery, E. T.

Burt, S. G. Practical experience with pyrometers (discussion), **1**: 29; transfer of excessive heat in the kiln-mouth to the kiln proper in crude-oil firing, 43; blistering of glazes, **2**: 139; elec. furnace for ceramic purposes, 192; fineness of flint in its relation to the manuf. of pottery bodies, **3**: 17; fine grinding of potters' materials (discussion), **4**: 31; fritting, 79; tin oxide in ceramic fluxes, 139; coeff. of expansion of silica, **5**: 340; Egyptianized clay (discussion), **6**: 59; faience *vs.* majolica, 109; coeff. equivalents, **7**: 123; presidential address, **9**: 51; **10**: 45; Seger's rules for correction of glaze defects (discussion), **13**: 179; coeff. of expansion data on European porcelain (discussion), 422, 427; saggar breakage, 647; microscopic examn. of twelve mat glazes (discussion), **14**: 704; use of fuel oil in a pottery (discussion), **15**: 664.

Campbell, E. D. Formation of some basic silicates, **17**: 66.

Cannan, W., Jr. New glaze-flux, **3**: 113; charting heat distribution in kilns, **13**: 117.

Cantab, B. A. See Dressler, P. D'H.

Carder, F. Causes of stony glass and the relation of potassium carbonate to it (discussion), **17**: 761.

Carter, O. Constitution of chrome-tin pink (discussion), **5**: 242; fine grinding of glazes, 293.

Cheney, M. B. Limits of compn. of enamels for cast iron, **12**: 543.

Claflin, W. N. Mat glazes, **12**: 536.

Clare, R. L. Bodies for inverted mantle rings, **14**: 407; causes for the failure of terra cotta in the wall, **19**: 593.

Clark, H. H. See Bleininger, A. V.

Clarke, F. W. Problems in silicate chemistry, **15**: 58.

Clement, J. K. Measurements of high temps., **11**: 455.

Coats, M. A. Influence of sol. salts in a clay upon the behavior of a slip and glaze, **16**: 162; see Binns, C. F.

Cobb, J. W. Disintegration by crystn. and freezing, **11**: 65.

Coe, J. H. Comparison of commercial ground coats for cast-iron enamels, **13**: 531.

Coggeshall, A., and Bleininger, A. V. Carbon resistance furnace, **10**: 54.

Conkling, I. L. Kilns for burning architectural terra cotta, **8**: 125.

Cooke, M. E. Establishment of tech. training schools for artist-craftsmen in connection with industrial plants, **14**: 592.

Coulter, L. B. Comparative study of Cornwall stone and feldspar in raw lead glazes, **7**: 356; fluxing effect of the addition of clay to cone mixts., **8**: 168; influence of rate of cooling on toughness of vitrified paving brick, **9**: 618.

Cowan, R. G. Spitting-out, **9**: 493; some problems in ceramic education, **12**: 207; requirements of pottery materials (discussion), 451; problem of tech. ceramic education (discussion), **14**: 596.

Cox, S. F. See Williams, A. E.

Creighton, E. E. F. Factors in porcelain insulator design (discussion), **18**: 880; porosity and absorption measurements (discussion), 901.

Cronquist, G. W. Brick industries of Europe, **15**: 670.

Crowe, C. H. Philippine pottery, **14**: 723.

Cushman, A. S. Egyptianized clay (discussion), **6**: 51; colloid theory of plasticity, 65; rock decompn. and clay formation in the lab., **8**: 180; standard for the fineness of ground materials (discussion), 249.

Danielson, R. E. Effect of variation in compn. of ground coats for sheet-iron enamels, **18**: 343, 896.

Davis, N. B. Plasticity of clay, **16**: 65; effect of lime on certain cracking clays, **17**: 497; apatite, a substitute for bone ash, **19**: 125.

Day, A. L. Geophysical Laboratory, **15**: 49.

Denmead, W. A. Hints on exptl. enamel making, **16**: 445; uses of ceramic materials in the elec. industry, **18**: 133; porosity and absorption measurements (discussion), 902; humidity, its control and relation to the drying of clay wares, **19**: 538.

Dressler, P. D'H., and Cantab, B. A. Progress in economy and efficiency in firing—the Dressler tunnel oven, **17**: 527.

Dun, C. T. See Neal, H.; Weimer, G. O.

Earle, W. P. Mat glaze at cone 7–8, **12**: 531.

Eleöd, K. Why does the American potter have to fire his earthenware three or four cones higher than the English potter? A comparison between American and English earthenware bodies, **12**: 114.

Emley, W. E. Clark viscosimeter, **15**: 401; method of indicating the rate of set of lime mortar, **16**: 117; effect of consistency and amt. of sand on the properties of lime mortars, 151; deformation of plastic bodies under

compression as a measure of plasticity, **17**: 612; titration of calcium oxide or hydroxide in the presence of some aluminates or silicates, 720; detn. of several dissociation points (discussion), **18**: 883; instrument for measuring plasticity, **19**: 523; measurement of the time of set of calcined gypsum, 573; see Bleininger, A. V.

Emley, W. E., Klein, A. A., and Sanborn, E. M. Silica bond in sand-lime brick, **17**: 471.

Emley, W. E., and Young, S. E. Production, manuf. and use of compds. of barium, **17**: 240.

Ernest, T. E. Fire tests on sand-lime brick, **12**: 83; chemistry of sand-lime brick, **13**: 648.

Eudaly, W. A. Defects of the continuous kiln and prospective improvements (discussion), **3**: 211.

Fackt, G. P. Range in compn. of an engobe and glaze for a given body, **12**: 528.

Farnham, D. T. Brick drying from an engineering standpoint—a double-deck dryer, **12**: 392; kiln flue regulation according to some ventilation formulae, **13**: 706; use of cost figures in plant administration, **15**: 89.

Fettke, C. E. Glass sands, **19**: 160.

Fickes, W. M. Permissible variation in the silica and alumina contents of raw lead glazes, **3**: 82; cost of production of common and paving brick at Carnegie, Pa., **3**: 45.

Fisher, G. P. See Staley, H. F.

Fiske, J. P. Coloring of clayware by coal (discussion), **1**: 73; defects of the continuous kiln and prospective improvements (discussion), **3**: 205; elimination of hand labor in brick making, **5**: 21; Fiske brick-making system (discussion), **9**: 799.

Fox, H. B. See Purdy, R. C.

Frink, E. L. Effects of alumina on glass, **11**: 99; fallacies and facts pertaining to glass making, 296; alumina in glass (discussion), **12**: 330; barium in glass, 370; requisite properties of glass for mechanical manipulation, 585; behavior of acid glass in tank furnace (discussion), **14**: 659; soly. of salts in glass (discussion), 668; glass standards (discussion), **15**: 688; requirements of glass for bottling purposes, 706; cause and differentiation of seeds in glass, **17**: 793; glass tank-furnace operation, **19**: 331; in what chem. condition does manganese exist in glass when used as a decolorizer and what factors of furnace conditions affect it? (discussion), 370.

Fulton, C. E. Lab. furnaces, **16**: 386; see Bleininger, A. V.; Kerr, C. H.; Montgomery, R. J.

Fulton, C. E., and Montgomery, R. J. Effect of grog in a fire-clay body, **17**: 409.

Galpin, S. L. Effect of varying sizes and percentages of quartz grains on the porosity and shrinkage of kaolin, **12**: 548; flint clays and their associates, **14**: 301; feldspar possibilities in Georgia, **17**: 372.

Garve, T. W. Downdraft kiln bottoms, **14**: 113; German clayworking plants, **17**: 592; modern dry-press and stiff-mud brick plant, 771; see Lovejoy, E.

Gates, E. D. Arrangement of mfg. and selling costs, **10**: 380; humidity system of drying, **11**: 375.

Gates, W. D. Variation in the firing of kilns (discussion), **2**: 29; Egyptianized clay (discussion), **6**: 48; presidential address, **7**: 41; **8**: 37; use of fuel oil in a pottery (discussion), **15**: 663.

Geiger, C. F. See Kirkpatrick, F. A.

Geijsbeek, S. Red glazes at high temps., **1**: 62; possibilities of porcelain in the U. S. (discussion), **2**: 181; stoneware slips or engobes, **4**: 48; fusing points of Seger cones expressed in degrees, **6**: 94; production of cryst. glazes (discussion), 193; stoneware glazes, 207; engobes, 209; action of grog in ceramic bodies, **7**: 133; ceramics of the Louisiana Purchase Exposition, 289; whiteware possibilities of Colorado raw materials, **8**: 98; note on the recommendations of the Committee on Coöperation with State Geologists, **10**: 528; clay deposits of Washington, **13**: 751; melting points of pyrometric cones under various conditions, **14**: 849; pottery firing by pyrometry (discussion), **15**: 365; silicate engineering or ceramic engineering, which? 373; successful operation of a continuous kiln fired by producer gas, 444; clay deposits of Oregon, 644.

Gelstharp, F. Fallacies and facts pertaining to glass manuf. (reply), **12**: 327; alumina in glass (discussion), 329; heat balance of a plate-glass furnace, 621; chem. reactions of interest to the plate-glass chemist, **14**: 642; **15**: 585; behavior of acid glass in tank furnace (discussion), **14**: 658; soly. of some salts in glass, 665.

Gelstharp, F., and Parkinson, J. C. Limits of proportions of soda-lime glasses, **16**: 109.

Gibson, M. F. Color series for mat glazes at cone 2–4, **12**: 533.

Giessen, C. Coal and its coloring power on clayware, **1**: 69; effect of whitewash on the character of paving brick (discussion), 104; use of producer gas in burning bricks, **2**: 38.

Gladding, A. L. See Riddle, F. H.

Goodwin. Comparison of costs of prepg. frit by the frit kiln *vs.* the sagger method (discussion), **9**: 200; relative cost of firing biscuit and glost kilns (discussion), 791.

Gorsline, W. H. Graphic method of showing loss of water in clay burning, **5**: 364; cost keeping in a sewer-pipe factory, **7**: 402; some problems encountered in producing a stiff-mud floor tile, **14**: 546.

Gorton, E. E. Non-shivering (?) body, **1**: 84; Seger cones, **2**: 60.

Grady, E. F. Crushing strength of terra cotta, **10**: 135, **11**: 75; relation of absorption to the crushing strength of terra cotta, **12**: 90.

Gray, T. Relative economy in burning whiteware with bituminous coal *vs.* anthracite coal (discussion), **3**: 221; blistering and the fine grinding question (discussion), **7**: 439; simplified method of getting the cost of white ware, **9**: 785; relative cost of firing biscuit and glost kilns (discussion), 789; can water from the clay press be re-used? **11**: 365; fuel consumption of some white-ware kilns, **14**: 387; pioneer attempt to use fuel oil in a pottery, **15**: 661; comparison of costs per sagger of biscuit and glost kilns, also of kiln expense, **17**: 205.

Greaves-Walker, A. F. High-alumina flint clay, **8**: 297; construction and operation of a Deville high-temp. furnace, 301; flint fire clay deposits of northeastern Kentucky, **9**:461; manuf. of crucibles, scorifiers and muffles, **12**: 54; manuf. of silica brick by the "Anaconda" method, **13**: 152; commercial clays of Utah, 277; design and construction of a producer-gas house for clay plants, **18**: 862.

Greener, G. C. Vocational school for clay workers, **15**: 279.

Griffin, C. H. Use of crude oil for burning kilns, **10**: 175.

Griffin, H. R. Shivering and crazing, **2**: 135.

Grout, F. F., and Brown, H. H. Some possible definite relations between compn. and properties of clays, **14**: 355.

Grout, F. F., and Poppe, F. Plasticity of clay, **14**: 71.

Groves, M. M. See Montgomery, E. T.

Gwinn, C. S. Testing of paper clays, **14**: 571.

Hanna, H. H. The most fusible mixts. of K_2O-CaO-Al_2O_3-SiO_2, **17**: 672.

Hardesty, B. D. See Hope, H.

Harkort, H. Testing crazing of white ware, **15**: 368.

Harrop, C. B. Methods of calcining clay for grog, **18**: 165, 876; inadequacy of static pressure draft gages, 223; heat balance of a continuous tunnel kiln, **19**: 216.

Hart, E. Death Valley, Cal., and its borax industry, **5**: 64; potash salts from feldspar, **13**: 683.

Harter, W. C. New principle in temp. measurement, **19**: 260.

Hasburg, J. W. Tin oxide in ceramic fluxes (discussion), **4**: 145; Egyptianized clay (discussion), **6**: 51.

Havard, F. T. Recent developments in the refractories industry, **14**: 480.

Heidingsfeld, R. Glaze imitation of granite, **14**: 245; production of a pink vitrified floor tile, **15**: 140; see Parmelee, C. W.

Henderson, C. E., and Weimer, G. O. Effect of temp. on the dielec. strength of porcelain insulators, **13**: 469.

Henderson, H. B. Use of pyrometric cones, **11**: 619; effect of the rate of application of heat to clays and clay bodies, 620; see Orton, E., Jr.

Henderson, H. B., and Stout, W. Utilization of Ohio clay-bonded sandstones for silica brick manuf., **18**: 473.

Henry, H. A. Refractory linings for rotary cement kilns, **15**: 728.

Hensel, O. Use of glazed clay-ware as an architectural decoration in exterior *vs.* interior work, **3**: 153; constitution of chrome-tin pink (discussion), **5**: 245.

Heubach, A. R. Production of ceramic red colors, **11**: 48; light green chromium stains, **14**: 418; effect of zinc in underglaze colors containing chromium (discussion), **15**: 120; cause of matness in glazes, 591.

Hewitt, L. C. See Staley, H. F.

Hice, R. R. Clays of the Upper Ohio and Beaver River region, **7**: 251; what should be embraced in a geological study and rept. on clays? **8**: 221; note on rept. of Committee on Coöperation with Geological Survey, **10**: 530; working of some Montana clays, **14**: 602; power consumption of stiff-mud brick machinery, 632; **16**: 401; fire clays of Pennsylvania (presidential address), **18**: 57; relation of fusing point of ash to availability of coal for burning ceramic wares, **19**: 488.

Hice, R. R., *et al.* Committee rept. on cooperation with federal and state geological surveys, **9**: 741.

Higgins, A. C. Heat cond. of refractory clays (discussion), **6**: 140.

Hill, E. C. White terra-cotta glazes at cones 6 and 7, **17**: 380; effect of clay on the fusibility of Bristol glazes, **18**: 508.

Hipp, R. T. Settling and filtering of fire clays (discussion), **14**: 402.

Hofman, H. O. Formation temps. of certain slag silicates, **5**: 225.

Holl, G. J. Construction of mold boxes, **2**: 177.

Hope, H. Biscuit loss in the manuf. of white ware, **8**: 62; data on plaster molds (discussion), **9**: 193; comparative effects of the oxides of calcium, magnesium, strontium, barium and zinc on some china bodies, **11**: 494; pottery molds, **12**: 494; expt. in ceramic education, **15**: 62; vocational school for clay workers (discussion), 284; shop notes, 388; pottery casting app. and other improvements, **16**: 235.

Hope, H., and Hardesty, B. D. Potters' rotary stoverooms, **16**: 418.

Horning, R. A. Thermal cond. tests and the transmission of heat through bricks, **18**: 192.

Hornung, M. R. See Bleininger, A. V.

Hottinger, A. F. Influence of magnesia on clay, **5**: 130; data on the North-Western terra cotta kiln, **9**: 684; colors produced by nickel oxide in ceramic mixts. containing zinc (discussion), **14**: 150; theory of cause of matness in glazes (discussion), 689.

Hottinger, A. F., *et al.* Rept. of the Comm. on Seger Cones, **3**: 180.

Hoursouripé, J. Clays and clay industries of Argentina, **14**: 238.

Howat, W. L. Effect of satd. sodium sulfate

soln. on the structure of clay burned to different temps., **17**: 249; manuf. of porcelain pyrometer tubes, **18**: 268; softening points of potash feldspar-steatite mixts., 488; see Bleininger, A. V.; Brown, G. H.; Stull, R. T.

Howe, R. M. Production of underglaze colors by the use of sol. metallic salts, **16**: 487; principles controlling the formation and removal of bubbles in molten glass, **19**: 201; see Bole, G. A.

Hull, W. A. Constitution of chromium-tin pink, **4**: 230; chrome-tin pink (discussion), **6**: 148; causes of body crazing in sewer pipe, **7**:263; control of combustion and atm. conditions in kilns with inclined bar furnaces, **8**:284; rope haulage for shale, **14**: 347; burning of rough-texture shale brick, **16**: 179; rope haulage plant combining elec. power with gravity, 216; attainment of reliable temp. measurements in ceramic industries by means of thermocouples, **18**: 363.

Humphrey. Saggar breakage, **13**: 647.

Humphrey, D. E. Use of thermo-couple pyrometer in a paving-brick plant, **14**: 256; value of sp. gr. of raw materials, **17**: 215; drilling and blasting shale banks, 294.

Humphrey, H. P. Burning of terra cotta in open kilns, **9**: 661.

Hunt, F. S. Effect of the porosity of the body and the moisture content of the glaze in the application of mat glazes, **19**: 428.

Hursh, E. K. Dissoc. of calcium hydroxide, **14**: 792; relation between preheating temp. and vol. shrinkage, 811; Estrich plaster, **17**: 549; see Stull, R. T.

Jackson. Use of zinc oxide in glazes for semi and vitrified china bodies (discussion), **17**: 523.

Jackson, C. E. Seger porcelain with materials accessible to American potters, **8**: 114; decorating kilns and the problems of overglaze decoration, **9**:408.

Jeppson, G. N. Combination gas and steam power plant, **10**: 396.

Jones, J. C. Efflorescence of brick, **8**: 369; relation of hardness of brick to their resistance to frost, **9**: 528.

Jones, E. W. Albany slip clay, **18**: 242.

Kanolt, C. W. M. ps. of refractory materials, **15**: 167.

Karsen, S. C. Operation of the Denny-Renton double-deck tunnel dryer, **14**: 615; design of an economic furnace for tunnel drying, 637; cooling of vitrified pipe, **16**: 461; practical hints on the burning of salt-glazed vitrified hollow ware, **18**: 431.

Keele, J. Effect of feldspar on kaolin in burning, **13**: 731; drying defects in some Cretaceous clays of the Great Plains region of Canada, **14**: 152.

Keeler, E. B. Influence of variable silica and alumina on terra cotta glazes, **18**: 282; recent improvements in methods of terra cotta mold making, **19**: 585.

Kennedy, W. M. Relative points of dehydration of pure and of calcareous clay, **4**: 146.

Kerr, C. H. Fluxes and fusion (discussion), **13**: 85; calcn. of ceramic mixts. (discussion), 137, 149; relative soly. of clay and flint in feldspar (discussion), 486; melting-point and deformation eutectics (discussion), 682; relation between crushing strength and porosities of clay products (discussion), **14**: 299; load tests made on magnesite, chrome and silica brick (discussion), 393; settling and filtering of fire clays (discussion), 403; standard testing sieves, **15**: 375; see Montgomery, R. J.

Kerr, C. H., and Fulton, C. E. Effects of some electrolytes on typical clays, **15**: 184.

Kerr, C. H., and Montgomery, R. J. Strength changes noted in lab. drying, **15**: 270; strength of clay bars as influenced by the temp. of drying, 345; influence of variations in water addition, lime addition and temp. in the setting of plaster of Paris, **18**: 180.

Kerr, C. H., Montgomery, R. J., and Fulton, C. E. Lab. methods for the phys. testing of fire clays, **17**: 91.

Kerr, E. G. See Walker, F. W., Jr.

King, A. F. Substitution of dolomite for whiting in ceramic body and glazes, **12**: 534.

Kinnison, C. S. Reduction of Fe_2O_3, **16**: 136; study of the Atterberg plasticity method, 472; elec. cond. of a porcelain mixt. and a shale upon heating, **17**: 421; see Bleininger, A. V.

Kirk, C. J. Use of the casting process for large clay wares, **15**: 573; scientific management and the bonus system as applied to pottery manuf., **16**: 264; results obtained in firing sanitary earthenware in the Dressler tunnel kiln, **18**: 532.

Kirkpatrick, F. A. Mechanical strength of fire-clay bodies after repeated heating, **18**: 545, 918; fusion study of the mineral systems: feldspar–calcite and feldspar–magnesite, 575; effect of the size of grog in fire-clay bodies, **19**: 268.

Kirkpatrick, F. A., Arnold, H. C., and Geiger, C. F. Attempt to fit enamels to plastic clay bodies, **18**: 139.

Klein, A. A. Constitution of limestone-shale and dolomite-shale slags, **15**: 562; constitution and microstructure of porcelain, **18**: 377, 899; see Emley, W. E.

Klein, A. A., and Brown, G. H. Microscopic investigation of some compds. noted in the systems: soda–zinc oxide–silica and soda–zinc oxide–titanic oxide–silica, **17**: 745.

Klein, A. A., and Phillips, A. J. Hydration of portland cement, **16**: 313.

Klinefelter, T. A. Phys. properties of some ball clays and their effects on porcelain bodies, **18**: 93.

Knollman, H. J. Pinholing of glazes, **17**: 165; see Potts, A. P.

Knote, J. M. Chem. and phys. changes in clays due to the influence of heat, **12**: 226; specific heat of clay, **14**: 394; behavior of an acid glass in a tank furnace, 655; see Stull, R. T.

Koerner, F. A. New cryst. glazes, **10**: 61.

Kramm, H. E. Some effects of gypsum on clay, **13**: 689.

Krehbiel, J. F. Fine grinding of flint and spar, **6**: 173; see Purdy, R. C.

Kruson, I. A. See Montgomery, E. T.

Landrum, R. D. Methods of analysis for enamel and enamel raw materials, **12**: 144; resistance of sheet-steel enamels to soln. by acetic acid of various strengths, **13**: 494; comparison of ten white enamels for sheet steel, **14**: 489; necessity of cobalt oxide in ground-coat enamels for sheet steel, 756.

Langenbeck, K. Cause of variation in the firing of kilns and a remedy, **2**: 22.

Layman, F. E. See Bleininger, A. V.

Lee. Magnetic separator for removing iron from slip, **13**: 641.

Lindley, J. See Stover, E. C.

Lines, E. F. Drying of clays, **10**: 146.

Longenecker, H. L. Theory of the origin of clays (discussion), **17**: 590; manuf. of fire-brick shapes, **18**: 80, 870.

Loomis, G. A. Temp.-porosity-vol. changes of some porcelain bodies, **19**: 636; see Bleininger, A. V.

Lovejoy, E. Flashing (discussion), **2**: 88; elimination of hand labor in brick making (discussion), **5**: 39; dry-pressed brick, **7**: 232; measurement of settle in brick kilns (discussion), 416; settle records, 422; use of barium compds. in preventing scum, **8**: 255; presidential address, **16**: 53.

Lovejoy, E., and Garve, T. W. Kiln temps. from coal and producer gas, **12**: 93.

Lundgren, H. J. Expts. in casting heavy pieces of porcelain for elec. purposes, **17**: 629.

McCaughey, W. J. Mineralogical examn. of clays, **15**: 322; examn. of commercial spar, 381.

McElroy, E. H. Present status of the producer gas-fired continuous kiln in America (discussion), **17**: 274.

McElroy, E. H., and Mumma, G. R. Present status of the producer gas-fired continuous kiln in America, **16**: 585.

MacMichael, E. F. Physics of the clay mol., **17**: 616; testing of clay, 639.

Mayer. Magnetic separator for removing iron from slip, **13**: 639; what is the best substance to prevent clay slip from settling in the casting process?—what is the effect of this substance on the body in firing? 643; sagger breakage, 646; influence of the compn. of the stain in the production of red from chrome-tin pink stains (discussion), **14**: 176; use of zinc oxide in glazes for semi and vitrified china bodies (discussion), **17**: 521.

Mayer, A. E. Comparison of the costs of prepg. frit by the frit kiln *vs.* the sagger method, **9**: 195; Texas kaolin, **10**: 91; peculiar property of some glazes, **11**: 369; some glost losses in the earthenware industry and their correction, **12**: 294.

Mayer, E. Production of underglaze colors, **1**: 56; distribution of cost in the manuf. of white ware, **2**: 160, **3**: 193; true structure of a sagger body (discussion), **2**: 190; grinding of materials used in earthenware bodies, **4**: 25; mechanical work in the ceramic industry, **5**: 373; limits of variation in biscuit body compn. (discussion), **7**: 87; comparative effects of oxides of calcium, magnesium, strontium, barium, and zinc on china bodies (discussion), **11**: 524; a plea for coöperation, **12**: 614; comparison between English and American glaze practice, **16**: 307.

Millar, J. B. Muffled kilns used for production of enameled brick, **9**: 675.

Miller, J. Galena and lead-bearing waste materials as glaze ingredients, **17**: 779.

Millsom, W. C., Robertson, H. S., and Treischel, C. C. Effect of non-plastic materials on the shrinkage and mechanical strength of a No. 3 fire-clay body, **18**: 524.

Minneman, J. Art enameling on metal, **13**: 514; vitrification range and dielec. behavior of some porcelains, 704; dielec. strength of porcelains (discussion), **14**: 585; commercial testing of feldspar, **15**: 101; restoration of plasticity to pottery scrap clay, **16**: 96; rational piece work method for placing kilns, 311.

Minton, LeR. H. The E. G. Acheson process of toughening clays, **6**: 231; technology of drying, 269; fine grinding of flint and spar (discussion), **8**: 252; manuf. of refractory materials for glass-works construction, 353; uranium oxide (discussion), **9**: 777; zinc crystals (discussion), 782; method of placing Seger cones, 784; effect of variation of RO elements upon chromium oxide as a coloring agent in a mat glaze, **16**: 248; development of shivering in a fire-clay body, **17**: 310; influence of some unusual zinc compds. in a chrome-green glaze, 667; chrome-tin colors at cone 9, **19**: 378.

Montgomery, E. T. Construction of a center-stack down-draught kiln, **13**: 311; most insol. and non-volatile underglaze color compn., 723; high-voltage insulators and high-potential testing, **14**: 267; fuel consumption of some white-ware kilns (discussion), 389; development of special refractory bodies, **15**: 606; recent developments and improvements at the New York State School of Clay Working and Ceramics, **16**: 371; see Bleininger, A. V.; Brown, G. H.

Montgomery, E. T., and Babcock, M. G. Chem. porcelain, **18**: 88.

Montgomery, E. T., and Burdick, P. W. Slag paving brick, **18**: 492, 910.
Montgomery, E. T., and Groves, M. M. Detn. of several dissociation points, **18**: 214.
Montgomery, E. T., and Kruson, I. A. Colored porcelain glazes at cone 10, **16**: 347.
Montgomery, E. T., and Tefft, C. F. Roofing-tile slips and glazes, **16**: 144.
Montgomery, E. J. Fine grinding of refractory materials before testing (discussion), **19**: 534; see Fulton, C. E.; Kerr, C. H.
Montgomery, E. J., and Fulton, C. E. Influence of varying water content in a fire clay mixt., **17**: 436; relation between the fusion point and the compn. of refractory clays, **19**: 303.
Montgomery, E. J., and Kerr, C. H. Factory testing of plaster of Paris, **18**: 188.
Moore, H. W. See Parmelee, C. W.
Moore, J. K. Oil as fuel in burning ceramic wares, **14**: 801; see Bleininger, A. V.; Purdy, R. C.
Morgan, F. A. Phys. and chem. properties of three compds. of lead and their use in raw lead glazes, **19**: 442.
Morris, G. D. Firing of salt-glazed sewer pipe, **17**: 606; flow of clay through hollow-ware dies, **19**: 479; wet-clay elevator, 484.
Mueller, H. C. Independence of burned clay as a decorative building material, **1**: 15; draft-meters (discussion), 88; relation between the artist and the chemist in ceramic manuf., **13**: 97.
Mumma, G. E. See McElroy, R. H.
Murray, G. A. Chem. porcelain, **13**: 585; see Brown, G. H.

Neal, H., and Dun, C. T. Coloring of a stoneware clay, **14**: 262.
Neckerman, P. D. See Silverman, A.

O'Connor, F. B. Tests of floor tile, **15**: 233.
Ogan, J. M. Cause of permanent expansion in firebrick, **13**: 602.
Ogan, M. Expts. with magnesia, **8**: 364.
Ogden, E. Relation between the compn. of a porcelain body and its toughness, **7**: 370; prepn. of clay for dry-press brick manuf., **8**: 274.
Ogden, L. Effect of compn. on the strength of porcelains, **13**: 395.
Ogle, E. McK. Unweathered *vs.* weathered clay, **3**: 171.
Orton, E., Jr. Practical experience with pyrometers (discussion), **1**: 32; Seger's "Gesammelte Schriften" (discussion), 98; effects of whitewash on brick (discussion), 105; variation in the firing of kilns (discussion), **2**: 31; relation between the tensile strength of clay mixts. and the size of the grains of their non-plastic constituents, 100; hydrated silicic acid in kaolin and its effect on pottery bodies (discussion), **3**: 39; classification and nomenclature of the silicates, 65; new glaze-flux (discussion), 139; Seger cones (discussion), 187; tensile strength of clay mixts., 198; crystd. kaolinite, 219; fine grinding of potters' materials (discussion), **4**: 32; stoneware glazes (discussion), 76; elimination of hand labor in brick making (discussion), **5**: 46; development of the mat glaze (discussion), 58; vapor glazing (discussion), 109; production of an easily fusible glass without the use of lead or boric acid, 305; graphic method for showing loss of water in clay burning (discussion), 368; role played by iron in the burning of clays, 377; government coöperation in ceramic industry, **6**: 29; fusing points of Seger cones expressed in degrees (discussion), 100; faience *vs.* majolica (discussion), 116; kaolin deposits of Bollinger Co., Missouri, **9**: 62; over-glaze decoration (discussion), 416; porcelain for elec. purposes (discussion), 611; compn. of fuel and its value in ceramics (discussion), 724; porcelain for practical purposes (discussion), **10**: 543; type of mat glaze maturing at cone 2–4, 547; testing of enameled sheet steel wares, **11**: 320; oxygen ratio (discussion), **13**: 615; drying of certain Tertiary clays, 765; qualities of paving bricks, 792; comparison between the rattler test and the sand-blast test for paving bricks, **14**: 180; effect of pressure on the vitrification of clay (discussion), 825; melting points of pyrometric cones (discussion), 867; legal definition of vitrification, **16**: 497; theory of the origin of clays (discussion), **17**: 581, 587; comparison between the absorption, crushing strength and resistance to artificial freezing of some Ohio building bricks, **18**: 686.
Orton, E., Jr., and Henderson, H. B. Tests of assay crucibles—types of clays suited to their manuf., **10**: 484.
Oudin, C. P. Quarry tile, **17**: 777.

Page, E. P. Heat cond. of refractory clays (discussion), **7**: 434.
Parker, L. Action of refractories under load conditions at high temps., **7**: 185; action of refractories under load conditions, 448; effect of pressure on the vitrification of clay, **14**: 822.
Parkinson, J. C. See Gelstharp, F.
Parmelee, C. W. New department of clay-working and ceramics at Rutgers College, **5**: 122; action of phosphoric acid in body mixts., **8**: 236; construction and operation of a terra cotta plant (discussion), **9**: 522; terra cotta glazes, 577; abstracts of current ceramic literature, 794; data on the effect of varying compression loads applied to clay in the plastic condition, **16**: 194; presidential address, **17**: 55; effect of pressure applied to a dust body, 458.
Parmelee, C. W., and Baldwin, G. H. Talc as a body material, **15**: 532.
Parmelee, C. W., and Heidingsfeld, R. Pro-

duction of black spots on terra cotta glazes, **14**: 227; terra cotta glazes, 840.

Parmelee, C. W., and Moore, H. W. Mechanical analysis of clays, **11**: 467.

Parmelee, C. W., and Williams, G. A. Fritted leadless glazes for sanitary ware, **18**: 812.

Pence, F. K. Detn. of hydrated silicic acid in clay, **12**: 43; colors produced by nickel oxide in ceramic mixts. contg. zinc, **14**: 143; mat glazes (discussion), 678; theory for the cause of matness in glazes, 682; microscopic examn. of twelve mat glazes (discussion), 705; effect of zinc in underglaze colors containing chromium, **15**: 118; mat glazes, 413; dust-pressed bodies, 732; classification of floor tiles as related to degree of vitrification, **17**: 484; crazing test for wall tiles, **18**: 622; porosity and absorption measurements (discussion), 903; effect of variation of pressure in the forming of dust-pressed tiles, **19**: 94.

Peppel, S. V. Manuf. of artificial sandstone, **4**: 156, **5**: 168; technology of the lime industry, **8**: 266.

Phillips, A. J. See Klein, A. A.

Phillips, G. D. Terra cotta bodies, slips and glazes, **16**: 169.

Phillips, W. Terra cotta kiln in use on the Pacific Coast, **9**: 690.

Plusch, H. A. Polychrome glaze decoration in architecture, **9**: 473.

Poppe, F. See Grout, F. F.

Poste, E. P. Relative action of acids on enamel, **17**: 137; (II), **18**: 762, 927; heat transmission of enamel, 570; enamel surfaces under the microscope, **19**: 146; in what chem. condition does manganese exist in glass when used as a decolorizer and what factors of furnace conditions affect it? (discussion), 375.

Potts, A. P. Relation between compn. and d. of feldspathic porcelains (discussion), **15**: 318; mat glazes, 628; industrial coöperation in ceramics at the Iowa State College, **16**: 580; see Purdy, R. C.

Potts, A. P., and Knollman, H. J. Relation between compn. and d. of feldspathic porcelains, **15**: 285.

Priest, I. G. Bureau of Standards contrast method for measuring transparency, **17**: 150.

Pukall, W. Crystal glazes, **10**: 183.

Purdy, R. C. Stoneware glazes, **4**: 61; white Bristol glazes, **5**: 136; constitution of chrome-tin pink (discussion), 249; table for quickly obtaining the silica content of glazes, **6**: 260; limits of variation in biscuit body compn., **7**: 79; floor-tile bodies made from clay, 95; calcn. of the comparative fineness of ground materials by means of a surface factor, 441; ceramic education in Illinois, **8**: 312; absorption tests on Wisconsin brick (discussion), **9**: 706; action of different forms of calcium as a flux in porcelain manuf. (discussion), **10**: 283; pyro-phys. behavior of flint fire clays, 365; measuring vol. of sealed pores, **11**: 60; mat glazes, 165; **14**: 671; extracts from investigations made by students in the Dept. of Ceramic Engineering, Ohio State University, **12**: 517; fluxes and fusion, **13**: 75; range in compn. of glazed whiteware bodies made from clay, feldspar and flint, 86; Seger's rules for correction of glaze defects by changing the body, 157; coeff. of expansion data on European porcelain (discussion), 418, 424, 429; relative soly. of clay and flint in feldspar, 479; porcelain glazes, 550; magnetic separator for removing iron from slip, 639; what is the best substance to prevent clay slip from settling in the casting process?—what is the effect of this substance on the body in firing? 641; glaze compn. on the basis of "norms," **14**: 95; influence of the compn. of the stain in the production of red from chrome-tin pink stains, 172; production of vitrified black and chocolate floor tile, 262; uselessness of rational analysis of clays as a means of controlling glaze fit, 359; microscopic examn. of twelve mat glazes (discussion), 706; chem. role of boron in glazes, 731; coeff. of expansion of porcelain body mixts., **15**: 499; Veritas firing disk, **17**: 493; use of zinc oxide in glazes for semi and vitrified china bodies, 520; physics of the clay mol. (discussion), 626.

Purdy, R. C., and Brown, G. H. Chromium-tin pinks, **11**: 228.

Purdy, R. C., and Fox, H. B. Fritted glazes—variations of the oxygen ratio and the silica-boracic acid mol. ratio, **9**: 95.

Purdy, R. C., and Krehbiel, J. F. Cryst. glazes, **9**: 319.

Purdy, R. C., and Moore, J. K. Pyro-chem. and phys. behavior of clays, **9**: 204.

Purdy, R. C., and Potts, A. P. Influence of clay, feldspar and flint on coeff. of expansion of certain white-ware mixts. biscuited at cone 10, **13**: 431.

Radcliffe, B. S. Dielec. strength of some porcelains, **14**: 575; influences of calcium and iron chlorides pptd. in a porcelain body, **16**: 127; cobalt-uranium colors, 209; see Stull, R. T.

Radcliffe, B. S., and Walduck, C. L. Chrome-tin red glazes between cones 2 and 8, **17**: 278.

Rainey, L. B. Weathering of fire clays in the manuf. of face brick and paving block, **16**: 405.

Rand, C. C. Variation in soda, lime and magnesia content of a glass of the type $RO.3SiO_2$, **17**: 236.

Rand, C. C., and Schurecht, H. G. Type of cryst. glaze at cone 3, **16**: 342.

Rand, E. E. Production of a pink vitrified floor tile (discussion), **15**: 142.

Rea, A. S. Chrome-tin pinks, **12**: 517.

Rhead, F. H. Mat glazes, **11**: 157; expts. on fritted enamel glazes at cone 1–3, **13**: 324; development of ceramic decorative processes, **19**: 449.

Richardson, C. Degree of subdivision of

materials in use in the ceramic industry, **10**: 140.

Richardson, W. D. Equipment of a modern paving-brick plant, **4**: 189; elimination of hand labor in brick making (discussion), **5**: 37; work of the ceramic engineer in the brick-making industry, 237; improvement in brick driers, **6**: 227; presidential address, **8**: 42; **9**: 41; performance of a producer gas-fired continuous kiln, **14**: 778; producer gas-fired continuous kiln (discussion), **16**: 602.

Riddle, F. H. Coloring power of uranium oxide in glazes of various compn., **8**: 210; zinc silicate crystals, 336; types of enamel used for enameling cast-iron sanitary wares, **9**: 646; new pottery and art terra cotta plant of the Van Briggle Pottery Co. at Colorado Springs, Colo., **10**: 65; cost system for plant making a large variety of wares, **11**: 202; construction of a twelve-foot, potter's updraft kiln, **13**: 385; magnetic separator for removing iron from slip, 641; graphic method of recording the operations of kilns, **15**: 112; gravity haulage system operating upon low grades, 354; advantages of clay storage—a successful installation, **19**: 102; production of special refractories—Marquardt porcelain and magnesium aluminate, 397.

Riddle, F. H., and Gladding, A. L. Time-temp. curves during salting of some oil-fired sewer-pipe kilns, **17**: 314.

Ries, H. Origin of kaolin, **2**: 93; fluxing power of mica (discussion), **5**: 362; Egyptianized clay (discussion), **6**: 63; tensile strength of raw clays, 79; refractoriness of New Jersey fire brick, 141; what should be embraced in a geological study and rept. on clays? (discussion), **9**: 480; absorption tests on Wisconsin brick, 693; rational compn. of clays, 772; discussion of the recommendations of the Society's Committee on Coöperation, **10**: 526; theories of the origin of white residual kaolins (presidential address), **13**: 51; results of tests on some bricks from the provinces of Western Canada, **14**: 82; behavior of granular limestone in burned clay (discussion), 226.

Ries, H., and Allen, S. W. Relation between the tensile strength and transverse strength of raw clays, **12**: 141.

Riley, E. J. See Staley, H. F.

Rix, W. P. Lead fritts and their adaptation to pottery glazes, **4**: 200.

Robertson, H. S. See Millsom, W. C.

Ross, D. W. Vol. changes of some commercial silica bricks on heating, **19**: 83; see Bleininger, A. V.

Rusoff, S. Mending kiln furniture, **17**: 290.

Russell, E. Producer gas and its application in ceramic work (discussion), **8**: 410.

Sanborn, E. M. See Emley, W. E.

Sant, J. Crazing and shivering (discussion), **11**: 407.

Saunders, M. E. See Binns, C. F.

Schurecht, H. G. Use of sulfuric acid in sedimentation of kaolins, **19**: 130; burning properties of some American refractory clays, 248; relation of salt to clay in purification of clays, 460; see Rand, C. C.

Segsworth, W. E. Detn. of fineness of raw materials (discussion), **18**: 912.

Shaw. Requirements of pottery materials (discussion), **12**: 460; relative action of acids on enamel (discussion), **17**: 148.

Shaw, J. B. Allowable limit of variation in the ingredients of enamels for sheet steel, **11**: 103; testing sheet-steel enamels, **12**: 463; process of making sanitary ware, **15**: 467; fluorides as opacifiers, **16**: 577; American clays for floating enamels, **19**: 339; modified load test for fire brick, 498; paving brick from blast-furnace slag, 507.

Shaw, J. B., and Shaw, L. Detg. the cost of enameled-steel cooking utensils, **14**: 510.

Shaw, L. See Shaw, J. B.

Shea, J. G. Effects of whitewash on brick (discussion), **1**: 106.

Shoemaker, G. W. Manuf. of promenade tile, **14**: 162.

Silverman, A. Chemist and the glass manufacturer, **12**: 186; reactions in plate-glass chemistry (discussion), **15**: 590; glass standards, 684; glass miscellanies, **16**: 547; stones in glass—another possible cause, **18**: 544.

Silverman, A., and Neckerman, P. D. Silvering of glass, **17**: 505.

Simcoe, G. Cost of pottery manuf. in the green room stage, **8**: 108; data on plaster molds, **9**: 187; life of a sagger, **11**: 216; pug mills, 343; sagger making, **12**: 205; pugging clay, 376; magnetic separator for removing iron from slip, **13**: 639; importance of the sagger-making dept., **17**: 256.

Simcoe, G., and Smith, A. E. Manuf. of dust-pressed wares, **12**: 196; oils, fats and greases for die greasing in the manuf. of dust-pressed ware, **14**: 558.

Singer, F. G. Position of boron in the glaze formula, **12**: 676.

Skinner, C. E. Factors in porcelain insulator design (discussion), **18**: 881.

Smith, A. E. Steel dies as applied to the manuf. of dust-pressed wares, **13**: 597; see Simcoe, G.

Sosman, R. B. Phys. chemistry of Seger cones, **15**: 482.

Speir, H. F. Reduction, milling and shipment of quartz, flint rock or silica sand, **13**: 326.

Sproat, I. E. Kaolin refining, **18**: 767.

Staley, H. F. Manuf. of enameled-iron sanitary ware, **8**: 172; compounding of frits, **10**: 113; contraction of glazes and glasses on solidifying as a cause of crazing, **12**: 322; calcn. of ceramic mixts., **13**: 122; cause and control of the mottling of enamels on metal, 489; resistance of sheet-steel enamels to soln. by acetic acid of various strengths (discussion),

497; control of fusibility in enamels, 502; melting-point and deformation eutectics, 668; potash salts from feldspar (discussion), 685; influences of silica and alumina on porcelain glazes of const. RO (discussion), **14**: 68; specific heat of clay (discussion), 396; cause and control of crazing in enamels on cast iron, 516; microscopic examn. of twelve mat glazes, 691; oil as fuel in burning ceramic wares (discussion), 810; relations between fusibility and heat range in glazes, **15**: 694; relative action of acids on enamel (discussion), **17**: 144; antimony compds. as opacifiers in enamels, 173; use of barium fluoride for the prevention of dryer scum on bricks, 200; effect of lime on certain cracking clays (discussion), 504; effect of salts on the drying behavior of some clays, 697; comparison between sodium sulfate and freezing tests for drain tile, **18**: 642, 924.

Staley, H. F., and Fisher, G. P. Leadless enamels, **15**: 620.

Staley, H. F., and Hewitt, L. C. Cost of raw lead glazes, **19**: 659.

Staley, H. F., and Riley, R. J. Control of fusibility in fritted glazes, **19**: 642.

Stephani, W. J. Construction and operation of a terra cotta plant, **9**: 506; muffle terra cotta kiln, 681; drying of terra cotta, **13**: 746.

Stephenson, H. H. Oxygen ratio, **13**: 612.

Stolp, C. Roofing tiles and their manuf., **13**: 306.

Stout, W. Relations between manuf. and properties of refractory clay wares, **14**: 250; theory of the origin of clays, **17**: 557; see Henderson, H. B.

Stover, E. C. Publication of Seger's "Gesammelte Schriften" (discussion), **1**: 96; technical advances in Trenton, N. J., **2**: 147; The American Ceramic Society and its relations to the practical potter, **3**: 159; fine grinding of potters' materials (discussion), **4**: 34; tin oxide in ceramic fluxes (discussion), 144; bacterial growth as a factor in aging clay mixts., 183; underglaze ceramic colors, **5**: 115; bacteria in clay mixts., 358; ceramic shorthand, **6**: 167; delayed crazing and shivering, **11**: 88; coeff. of expansion data on European porcelain (discussion), **13**: 428; pottery firing by pyrometry, **15**: 364; pyrometry: past, present and future, **18**: 684.

Stover, E. C., and Lindley, J. Measurement of plasticity and tensile strength, **7**: 397.

Stratton, S. W. Work of the National Bur. of Standards, **15**: 55.

Stull, R. T. Crystd. glazes (discussion), **4**: 45; stoneware slips or engobes (discussion), 57; fluxing power of mica in ceramic bodies, 255; production of cryst. glazes, **6**: 186; cheap enamel for stoneware, **10**: 216; **11**: 605; position of boron in the glaze formula (discussion), **12**: 707; manuf. of enamel brick—enamel-brick slips, 711; influences of variable silica and alumina on porcelain glazes of const. RO, **14**: 62; dielec. strength of porcelains (discussion), 587; see Bleininger, A. V.

Stull, R. T., and Baldwin, G. H. Cobalt colors other than blue, **14**: 764.

Stull, R. T., and Howat, W. L. Deformation temps. of some porcelain glazes, **16**: 454.

Stull, R. T., and Hursh, R. K. Designs of seven test kilns, **16**: 431.

Stull, R. T., and Knote, J. M. New type of lab. test kiln, **12**: 124.

Stull, R. T., and Radcliffe, B. S. Opalescence and the function of B_2O_3 in the glaze, **12**: 129.

Takahashi, K. Expts. on the color of soda-lime glass, **13**: 251.

Teetor, P. Clays of Eastern Kansas, **16**: 120; effect of the addition of lime and silica to a shale, 201; Kansas shales, **18**: 842, 933, 935; see Bleininger, A. V.

Tefft, C. F. See Montgomery, E. T.

Thomas, G. E. Settling and filtering of fire clays, **14**: 399.

Tillotson, E. W., Jr. Behavior of acid glass in tank furnace (discussion), **14**: 656; soly. of salts in glass (discussion), 667.

Treischel, C. C. See Millsom, W. C.

Van Horn, F. R. Clay and shale resources in the vicinity of Cleveland, O., **18**: 450.

Voelcker. Defects of the continuous kiln and prospective improvements (discussion), **3**: 212.

Walduck, C. L. See Radcliffe, B. C.

Walker, F. W. Mechanical prepn. of glazes, **2**: 126; development of greens from cupric oxide in glazes, **4**: 278; presidential address, **6**: 25; **7**: 33.

Walker, F. W., Jr. Comparative means of making porosity and absorption measurements, **18**: 444; detn. of fineness of raw materials, 499.

Walker, F. W., Jr., and Kerr, E. G. Effect of variation in pressure and moisture on the forming of dust-pressed tile, **19**: 409.

Ward, J. W. Results of compression tests on porcelain base, **17**: 431; factors in porcelain insulator design, **18**: 203, 881.

Ward, S. P. Production of Flemish ware, **12**: 531.

Washburn, E. W. Latent heats of fusion of lime and magnesia, **19**: 195.

Watts, A. S. Compn. of porcelain for elec. purposes, **4**: 86; **9**: 600, **10**: 540; construction and equipment of a white-ware pottery, **5**: 347; Egyptianized clay (discussion), **6**: 52; bone china bodies, **7**: 204; re-enforced concrete as applied to pottery construction, **8**: 327; use of Cornwall stone *vs.* feldspar as a flux for porcelain, **10**: 97; action of the different forms of calcium as a flux in porcelain manuf., 265; coeff. of lineal expansion of porcelain, **11**: 84; comparison of potash and soda feldspar porcelains, 179; cryst. structure

in porcelains, 185; clay and kaolin mining in Europe, **13**: 228; chrome-alumina colors, 301; coeff. of expansion data on porcelain made from European materials, 406; coeff. of expansion of white-ware mixts. (discussion), 460; what is the best substance to prevent clay slip from settling in the casting process? —what is the effect of this substance on the body in firing? 642; deformation points of feldspar-quartz, feldspar-mica and feldspar-beryl mixts., **14**: 87; settling and filtering of fire clays (discussion), 400; kaolin mining in the South Appalachian Mts., 434; presi dential address, **15**: 47; com. method of testing feldspar (discussion), 107; feldspar and a deformation study of some feldspar and feldspar-quartz mixts., 144; graphic granites as a source of feldspar, 451; feldspar supply of the U. S., **16**: 80; prepn. of feldspar for the ceramic industry, 131; use of mixed potash-soda feldspars in porcelains, 212; Atterberg plasticity method (discussion), 484; dental porcelains, **17**: 190; oxide of lead *vs.* carbonate of lead in glazes, 474; Bristol glazes compounded on the norm basis, **18**: 424; Bristol glazes compounded on the eutectic basis, 631; practical application of Bristol glazes compounded on the eutectic basis, **19**: 301; deformation study of MgO-Al_2O_3-SiO_2 mixts., 453; deformation study of BaO-Al_2O_3-SiO_2 mixts., 457.

Weber, R. F. Chem. compn. and refractoriness of some American fire-brick, **6**: 212.

Weelans, C. Coeff. of expansion data on European porcelain (discussion), **13**: 425, 429; what is the best substance to prevent clay slip from settling in the casting process? —what is the effect of this substance on the body in firing? 642; Egyptianized clay (discussion), **6**: 61; evidences that bodies high in silica craze by over-fire, **7**: 56; body dissolution and its causes, **8**: 79; data on plaster molds (discussion), **9**: 192; bodies and glazes, 483; distinctions in the grading of whiteware in commerce—particularly of plumbers' ware, **12**: 306; presidential address, **14**: 55.

Weelans, C., and Ashley, H. E. Rept. of the Comm. on Classification of White Ware, **13**: 102.

Weimer, G. O. See Henderson, C. E.

Weimer, G. O., and Dun, C. T. Effect of temp. on the dielec. strength of porcelains, **14**: 280.

Wells, H. B. Overcoming the sulfur problem, **11**: 93.

Wheeler, H. A. Presidential address, **2**: 15; semi-muffle kiln, 50; relation between tensile strength of clay mixts. and the size of the grains of their non-plastic constituents (discussion), 119; use of lead ores in ceramics, **4**: 131; elimination of hand labor in brick making (discussion), **5**: 45; tensile strength of raw clays (discussion), **6**: 83; fusing points of Seger cones expressed in degrees (discussion), 106; faience *vs.* majolica (discussion), 114; heat cond. of refractory clays, 119; reply to E. P. Page on the cond. of refractory materials, **7**: 437; porosity of American roofing tile, **8**: 154; kaolin deposits of Bollinger Co., Missouri (discussion), **9**: 92; absorption tests on Wisconsin brick (discussion), 700.

Whitford, W. G. Three-component normative systems in raw lead glazes, **19**: 312.

Whitmer, J. D. Production of opalescence in highly acid glazes—action of B_2O_3 with regard to crazing, **11**: 262.

Williams, A. E. Development of the ruby color in glass, **16**: 284; expts. to overcome scumming and improve the color of brick, **17**: 764; dissociation of calcium sulfate and the removal of dryer scum, **18**: 271.

Williams, A. E., and Cox, S. F. Barium glasses, **18**: 315.

Williams, G. A. Manuf. of plaster molds, **17**: 323; see Parmelee, C. W.

Williams, I. A. Phys. tests of Iowa limes, **8**: 228; effect of fine grinding on the properties of port. cement, **10**: 244; Dept. of Ceramics in the Oregon School of Mines, **16**: 244; strength tests of Oregon building brick, **17**: 660.

Wilson, H. Deformation study of kaolin-feldspar mixts., **15**: 217; pinholing and peeling on terra cotta, **19**: 209; overglaze colors at cone 6–7, 653.

Wilson, M. E. Magnesite deposits of the Grenville Dist., Quebec, **19**: 254.

Worcester, W. G. Effect of fine grinding in the manuf. of Bedford shale by the dry and plastic processes, **5**: 295; function of alumina in a cryst. glaze, **10**: 450; warpage of roofing-tile clays, **12**: 818.

Wright, C. L. Briqueting of fuels, **12**: 69.

Wyer, S. S. Producer gas and its application in ceramic work, **8**: 391.

Yates, A. Defects of the continuous kiln and prospective improvements (discussion), **3**: 209.

Young, S. E. Popping of lime, **15**: 659; see Emley, W. E.

Zimmer, W. H. Practical experience with pyrometers, **1**: 22; relation between tensile strength of clay mixts. and the size of the grains of their non-plastic constituents (discussion), **2**: 123; hydrated silicic acid in kaolin and its effect on pottery bodies, **3**: 25; relation between kiln atm. and the color of porcelain (discussion), 216; crystd. glazes, **4**: 38; Texas kaolin (discussion), **10**: 94.

SUBJECT INDEX

Abrasion. (See also *Rattler test.*)
rattling strength of paving brick, **13**: 793.
refractories to withstand, **14**: 253.
resistance of glaze to, effect of zinc on, **17**: 523.
resistance of lead silicate to, **17**: 524.
test, **7**: 385; **15**: 260; **16**: 199.
testing clays for paving brick by, **12**: 266, 275.
Absorption. (See also *Porosity.*)
of alkali by clay, **17**: 346.
by brick, **9**: 556
by bricks from western Canada, **14**: 82
by china bodies, **11**: 505, 506, 507.
classification of floor tile on basis of, **17**: 491.
classification of white-ware bodies by, **13**: 86, 94
by clay, effect of salt on, **17**: 718
comparison with crushing strength and resistance to artificial freezing of some Ohio building bricks, **18**: 686.
crushing strength and, **12**: 574, 577, 578, 582.
detn. of, **13**: 103; **18**: 444, 901.
detn. of, by floor tiles, **17**: 487.
detn. of, satg. clay trials for, **18**: 73.
by drain tile, max. safe, **18**: 683.
by dry-pressed brick, **7**: 247.
by fire brick, **12**: 346.
by fire-clay bodies after repeated heating, **18**: 546.
firing temp. and, **12**: 271.
as measure of frost-resisting quality of brick, **9**: 704.
by Oregon building brick, **17**: 660.
by porcelain bodies, **7**: 384.
by porcelain, effect of compn. on, **13**: 401.
by porcelain, effect of various lime fluxes on, **10**: 273.
rattler loss *vs.*, **12**: 273.
relation to porosity and sp. gr., **9**: 707.
by roofing tiles of America, **8**: 158.
by terra cotta, relation to the crushing strength, **12**: 90.
test, **12**: 316, 317; **15**: 254.
tests on shale brick from Cleveland, **18**: 472.
tests on Wisconsin brick, **9**: 693.
vitrification detn. by, **16**: 511.
by wall tile, **13**: 90.
Accelerated tests, failure in, on cement, **16**: 326.
Acetates, effect of solns. of, on calcium silicate-asbestos compd., **15**: 137.
silicate formation from, under steam pressure, **15**: 134.
Acetic acid, action on enamels, **13**: 494; **17**: 140.
Acidity, detection in borosilicate fusions, **12**: 689.
indicator for, in fluxes, **11**: 528.
Acids, action on enamel, **12**: 478; **13**: 494; **17**: 137; **18**: 762, 926.
action on enameled sheet steel wares, **11**: 320.
action on glaze, **11**: 373.
dishes for boiling, **3**: 19.
effect on clay in the plastic state, **14**: 827.
effect on Georgia kaolin-water systems, **18**: 770.
Adhesiveness, of enamel, regulating, **18**: 141, 164.
of ground-coat enamels, increasing by cobalt oxide, **14**: 758.
Adhesives, for glaze, coagulated gels as, **18**: 163.
Adsorption, by clay, **14**: 81; **17**: 619.
by clay substance, **8**: 205.
by colloids of clay, **11**: 530, 540.
of malachite green by clays, effect of electrolytes on, **16**: 516, 526.
of malachite green, effect of preheating on, **12**: 506.
nature of, **12**: 812.
theory of plasticity of clay, **11**: 555, 586; **17**: 627.
African clay, **11**: 433.
Aging, of clays, **3**: 173; **11**: 539.
effect on clay treated by Acheson process, **6**: 249.
Air, effect of, in slip, **17**: 691.
effect on flashing of amt. of air used for combustion, **2**: 83.
effect on viscosity of slips, **17**: 353.
heat transfer from kiln mouth by, **1**: 50, 52, 53, 54.
moisture-carrying capacity at diff. temps., **19**: 540.
Albite. See "soda" under *Feldspar.*
Alite, **5**: 75, 87; **17**: 68, 71.
Alkalies, absorption of, by clay, **17**: 346.
in clays, source of, **8**: 203.
as deflocculating agents, **17**: 81.
effect on clay in the plastic state, **14**: 827.
on crystal development in glazes, **9**: 328.
on elutriation of clays, **17**: 367.
on fire clays, **14**: 400, 401.
on Georgia kaolin-water systems, **18**: 770.
on kaolin of different, **12**: 781.
on slip, **17**: 332.
on viscosity of clay suspensions, **19**: 460.
on viscosity of kaolins treated with different amts. of sulfuric acid, **19**: 134.
extn. from orthoclase powder by electrolysis, **8**: 185.
Alkali metals, effect of form of chem. combination of, **13**: 172, 194, 204, 208.
Alkali metal sulfates, volatilization of, **7**: 277.
Alkalinity, effect on viscosity of glazes, **11**: 372.
Alnoite, analyses of fresh and weathered, **13**: 379.
Alum, effect of varying amts. of, on plaster, **17**: 326.

in water from clay press, effect in re-use, 11: 365.

Alumina. (See also *Alundum.*)
in Bristol glazes, 4: 65.
chrome-, colors, 11: 55; 13: 301.
in clinker formation, replacement by ferric oxide, 17: 76.
crucibles, 14: 481; 15: 175.
in cryst. glaze, function of, 10: 450.
deformation study of $BaO-Al_2O_3-SiO_2$ mixts., 19: 457.
deformation study of $MgO-Al_2O_3-SiO_2$ mixts., 19: 453.
detn. in enamel, 12: 147.
dielec. const. of, 13: 476.
effect of amt. of, on fireproof qualities of porcelain, 9: 640.
effect of variable, on porcelain glazes of const. RO, 14: 62.
effect of variable, on terra cotta glazes, 18: 282.
effect on buff color production, 16: 139.
on enamels, 13: 528.
on enamels for steel, 11: 141, 151.
on fusion point of refractory clay, 19: 303.
on glass, 11: 99; 12: 329, 331.
on opacity of glazes, 13: 573.
on refractoriness of fireclay, 7: 277.
on refractoriness of stoneware glazes, 5: 138.
on underglaze chromium colors, 15: 122.
on warpage of roofing tile clays, 12: 821.
in enamels for cast iron, variation of, 14: 747.
flint clay high in, 8: 297.
formula and mol. and equiv. wts. of, 2: 200.
in fritted glazes, substitution by boron, 12: 679.
fusibility of mixts. with potash, lime and silica, 17: 672.
in glass, increase of stability by, 15: 605.
in glass manuf., 14: 664.
in glazes, 5: 58.
in lead glazes, permissible variation in, 3: 82.
in mat glazes, 5: 51.
melting point of, 15: 173.
as opacifier for soda-lime glass, 13: 256.
for pyrometer tubes, 15: 618.
ratio to ferric oxide and silica in celite and alite, 17: 72.
ratio to silica in slag, 15: 550.
in sand, effect on glass, 19: 175.
in Seger cones, 15: 485.
system: lime–silica–alumina, 17: 68.
system: silica–alumina–lime–potash, 15: 489.
in terra cotta glazes, best proportion for, 14: 848.

Aluminates, hydration of, in lime water, 16: 317.
titration of calcium oxide or hydroxide in the presence of, 17: 720.

Aluminite, 8: 298.

Aluminite clay, 14: 819.

Aluminite rock, 14: 325.

Aluminium, in glasses resistant to chemicals, 17: 526.

Aluminium chloride, effect on clays, 15: 184.

Aluminium hydroxide, tannic acid and, 6: 52.

Aluminium phosphate, effect on glaze, 10: 242.

Aluminium silicate, 12: 690; 15: 489.

Alundum, in bodies for invested mantle rings, 14: 416.
expansion curve of, 14: 476, 477.

American Ceramic Society, 6: 25; 8: 37; 10: 45; 14: 55; 19: 69.
attainments of, 15: 47.
coöperation, committee rept. on, 10: 526, 528, 530, 533.
coöperation with federal and state geol. surveys, rept. of the comm. on, 9: 741.
coöperation with U. S. Potters' Assoc., 12: 614.
elevation of first associates to full membership, 3: 227.
good accomplished by, 9: 52.
history of, 2: 15.
the name, 6: 116.
policy of, 11: 45.
purposes and aims of, 3: 168.
and relations of same to the practical potter, 3: 159.
relation to ceramic industry, 7: 36.

Amianthus. See *Asbestos.*

Analysis. (See also *Rational analysis*; and headings designating specific substances analyzed.)
crucibles for assaying, use a second time, 10: 521.
crystallographic, 4: 39.
physical, of raw cement mixt., 5: 99.

Andalusite, melting point of, 9:432.

Andesite, analyses of fresh and weathered, 13: 379.

Anemometer tests, 12: 410, 415, 419.

Anglesite, in ceramics, 4: 131.

Annealing, of glass, effect of alumina on, 11: 102.
paving brick from blast-furnace slag, 19: 515.
slags, effect of, 15: 569.
white ware, 13: 404.

Anorthite, 15: 146.
glazes, 19: 313.
in mat glaze formation, 14: 674.
melting point of, 9: 432.
system: feldspar–willemite–anorthite, 18: 426.

Anorthoclase, 15: 147.

Antimony, detn. in enamel, 12: 149.
effect on color of soda-lime glass, 13: 254.
in glass manuf., elimination of, 12: 193.

Antimony compounds, as opacifiers in enamels, 17: 173.

Antimony oxide, analysis of, 12: 171.
in enamels for cast iron, replacement of tin oxide by, 14: 740.
in enamels for steel, substitution of zinc oxide and, for tin oxide, 11: 151.
formula and equiv. and mol. wts. of, 2: 200.
as opacifier, 12: 461.

Antimony sulfate, green color produced in roofing tile by cobalt oxide and, 16: 211.

Apatite, as bone ash substitute, **19**: 125.
melting point of, **9**: 431.
soly. of, **13**: 346.
weathering of, **13**: 59.
Argentina clay, **14**: 238.
Argillite, analyses of fresh and weathered, **13**: 380.
Arkansas clay, **13**: 359; **19**: 622.
Arsenic, effect on bubble formation in glass, **19**: 202.
effect on glass, **11**: 313.
in glass manuf., elimination of, **12**: 193.
in window-glass mixt., **17**: 228.
Arsenic oxide, dielec. const. of, **13**: 476.
high temp. and, **14**: 643.
reactions with materials used in glass manuf., **14**: 644–51.
reaction with limestone, **15**: 587.
with salt cake, **15**: 586.
with sand, soda ash, salt cake, common salt, limestone and charcoal, **15**: 589.
with soda ash, **15**: 585.
Art, progress of ceramic, **4**: 19.
Artist, chemist and, in ceramic manuf., **13**: 97.
training schools for, in connection with industrial plants, **14**: 592.
Art pottery. See *Pottery*.
"**Arts and crafts movement**," **12**: 217.
Asbestos, amianthus, in production of ceramic ware, **7**: 149.
calcium silicate compd. of, effect of acetate solns. on, **15**: 137.
mixts. of flint and, with various oxides and hydroxides, effect of steam pressure on, **15**: 129.
Ashes, fire-brick from coal, **17**: 590.
fusing point of, relation to availability of coal for burning ceramic wares, **19**: 488.
volcanic, clay from, **3**: 40.
Ashlar, **19**: 585.
Assaying. See *Analysis*.
Astrophyllite, glazes from artificial, **6**: 189.
Atomic weights, table of, of elements commonly occurring in the materials used in the ceramic industries, **2**: 199.
Atterberg plasticity method, **16**: 472.
Auger, effect on flow of clay through dies, **11**: 413, 420.
Augite, melting point of, **9**: 431.
soly. of, **13**: 346.

Bacteria, accumulation in water from clay press, **11**: 365.
in aging clay mixts., **4**: 183.
in clay, **6**: 55, 56.
in clay mixts., **5**: 358.
effect on clay, **6**: 51, 63, 77.
effect on plasticity of clay, **3**: 176, 179.
Bakelite, as coating for dryer cars, **17**: 743.
Barium, effect on glaze, **5**: 248.
as flux for enameled-brick glaze, **5**: 264.
in glass, **12**: 370.
glasses, **18**: 315, 893.
in glass (soft), **5**: 330.
in mat glaze, **5**: 56.
mat glaze, **15**: 416.
in terra cotta glazes, **14**: 840.
Barium carbonate. (See also *Witherite*.)
formula and mol. and equivalent wts. of, **2**: 200.
production and use of, **17**: 244.
scum prevention by, **12**: 794.
substitutes for, in removal of dryer scum, **18**: 274.
Barium chloride, effect on clays, **15**: 184.
production and use of, **17**: 244.
Barium chromate, formula and equiv. and mol. wts. of, **2**: 202.
Barium compounds, production, manuf. and use of, **17**: 240.
scum prevention by, **8**: 255.
Barium fluoride, fluxing power of, **13**: 509.
for removal of dryer scum, **18**: 276.
scum prevention by, on bricks, **17**: 200.
Barium hydroxide, effect on fire clay, **12**: 786.
flocculating and deflocculating effect of, **16**: 544.
reaction with flint and asbestos under steam pressure, **15**: 129.
for removal of dryer scum, **18**: 276.
Barium oxide, deformation study of BaO-Al_2O_3-SiO_2 mixts., **19**: 457.
dielec. const. of, **13**: 476.
effect of variation of, on antimony oxide in enamels for cast iron, **14**: 745.
effect on china bodies, **11**: 494.
on chromium oxide as coloring agent in mat glaze, **16**: 248.
on copper oxide glazes, **4**: 278.
on terra cotta glaze, **9**: 598.
fluxing power of, **13**: 509.
glaze, behavior on different bodies, **13**: 275.
in glazes, **3**: 113.
in mat glaze, methods of introduction, **14**: 685.
in mat glazes, substituted for lead oxide, **14**: 671.
production and use of, **17**: 244.
reaction with flint and asbestos under steam pressure, **15**: 129.
Barium sulfate, calcination of, **7**: 149.
formula and equiv. and mol. wts. of, **2**: 200.
manuf. and use of, **17**: 242.
Barytes, as source of barium, **17**: 241.
Basalt, analyses of fresh and weathered, **13**: 380.
as flux in vitreous tesserae, **7**: 104.
Basicity, detection in borosilicate fusions, **12**: 689.
indicator for, in fluxes, **11**: 528.
Bats, mending, **17**: 290.
Batting machine, **12**: 178.
Batting out blocks, supports for, **15**: 397.
Bauxite, **6**: 73.
brick, melting point of, **15**: 171.
effect on fire brick, **8**: 300.
as furnace lining, alone and mixed with clay, **8**: 302.
melting point of, **15**: 171.

mixt. with flint, effect of steam pressure on, **15**: 128.
as refractory material, **14**: 487.
Beading, by bone ash in Bristol glaze, **10**: 243.
prevention by Cornwall stone, **7**: 366.
in terra cotta, **11**: 615.
of terra cotta glazes, effect of silica and alumina on, **18**: 311.
Beads, of enamel, **14**: 539.
Belite, **8**: 75; **17**: 68.
Belleek ware, **18**: 921.
body, range in compn. of, **13**: 86.
China and, **13**: 170.
effect of cooling of fired, **2**: 185.
glazing, **13**: 169.
manufd. in Trenton, **2**: 147.
translucency and compn. of, **13**: 484.
Bending, grain size of feldspar and, **13**: 745.
test for enameled sheet steel, **11**: 329.
Bentonite, **13**: 782.
effect on clay, **14**: 158.
relation of the clays to, **14**: 613.
Beryl, mixts. with feldspar, deformation points of, **14**: 87.
in pegmatite, **14**: 439.
Berylite, **17**: 195.
Binders, for briquets (fuel), **12**: 73.
Binding power, **16**: 79.
of clays, **16**: 281.
colloids and, **8**: 189.
colloid theory of, of clay, **6**: 65.
test of relative, of the best ground coats, **13**: 546.
Biotite, granite, compn. of fresh and partially weathered, **13**: 349, 351.
for granite-imitation glazes, **14**: 245.
melting point of, **9**: 431.
sepn. from other common minerals of clays, **11**: 468.
soly. of, **13**: 346.
Biscuit, limits of variation in, body compn., **7**: 79, 89.
loss in the manuf. of white ware, **8**: 62.
soft-burned, relation to color, **1**: 66.
system for keeping track of ware wanted quickly in, **15**: 389.
Bismuth, glaze contg. uranium and, **10**; 63.
Bitstone, requirements as pottery material, **12**: 450.
Black foot, **12**: 181.
Blanc fixé. See *Barium sulfate*.
Blast furnace. See *Furnaces*.
Blasting, shale banks, **17**: 294.
Bleaching, brick, **2**: 87.
Blebs. See *Blistering*.
Bleb structure, vol. change of firebrick due to, **13**: 611.
Blending, ceramic mixts. to produce a given mean, **2**: 266.
clays, **17**: 652; **19**: 104.
of clays in storage, advantages of, **19**: 120.
fire clay, shale and surface clay, **17**: 450.
glaze, **19**: 330.
"**Blibbing**." See *Blistering*.
Blistering, **2**: 139; **7**: 439; **9**: 180, 231, 520.
of china bodies, **11**: 525, 527.
of china bodies, effect of various oxides on, **11**: 494, 512.
with Cornwall stone flux, **10**: 101, 102.
of enamels by sodium chloride, **17**: 125.
feldspar content and, **5**: 162; **10**: 106; **13**: 456.
firing and, **13**: 168, 179.
in floor tile, **14**: 552.
of green chromium stains, **14**: 425.
of porcelain, **17**: 632, 633.
prevention, **8**: 88.
of refractory clay, **7**: 277.
in terra cotta glazes, **9**: 504, 596; **17**: 398.
in white ware, **8**: 65.
Bloating, of porcelain, **10**: 269, 271, 279.
Blood, effect on glaze, **11**: 373.
Blues. See *Colors*.
Bluestoning, **5**: 424; **10**: 99, 109, 110, 111; **12**: 531; **14**: 826.
theory of cause of, **7**: 108, 114.
Blunging, **15**: 468.
Bodies, bone china, **7**: 204.
calcn. of, mixts., **13**: 122.
china, comparative effects of the oxides of calcium, magnesium, strontium, barium and zinc on, **11**: 494.
china, workable, **11**: 524.
clay, increasing wt. of, carried by water, **17**: 332
clay mixts. for, effect of aging on, **4**: 183.
clays for, selection by rational analysis, **14**: 359.
compn. of, effect of clay structure on, **8**: 203.
compn. of, variation to prevent crazing, **7**: 126.
compounding clay, use of rational analysis in, **2**: 229.
correction of glaze defects by changing, **13**: 157.
crazing by over-fire of, high in silica, **7**: 56, 69.
crazing in sewer pipe, causes of, **7**: 263.
for cups and mugs, **15**: 393.
dissoln. and its causes, **8**: 79.
dolomite substitution for whiting in, **12**: 534.
dust-pressed, **15**: 732.
earthenware, comparison of American and English, **12**: 114.
earthenware, grinding of materials used in, **4**: 25.
effect of diff. degrees of fineness of flint and spar on, **6**: 181.
effect of quality of, on slip, **4**: 55.
equiv. wts. in prepn. of, **1**: 9.
expansion coeff. of, effect of high silica content, **5**: 340.
failure of, as cause of shivering, **2**: 138.
fineness of flint in its relation to the manuf. of pottery, **3**: 17.
fireclay, effect of grog in, **17**: 409.
effect of size of grog in, **19**: 268.
shivering in, **17**: 310.
strength after repeated heating, **18**: 545, 917.

fire clay (No. 3), effect of non-plastic materials on the shrinkage and mechanical strength of, **18**: 524.
firing, effect of agents for preventing settling of clay slip on, **13**: 641.
floor tile, made from clay, **7**: 95.
fluorspar in, **2**: 194.
fluxes for, eutectic mixts. as, **18**: 615.
fluxing power of mica in ceramic, **4**: 255.
glaze attack on, **5**: 145, **9**: 179.
glazes and, **9**: 483; **13**: 459.
glazing dust-pressed *vs.* plastic, **2**: 158.
for granite imitation, **14**: 246.
grog action in ceramic, **7**: 133.
homogeneity of salt-glazed sewer-pipe, relation to surface pimpling, **9**: 726.
hydrated silicic acid in kaolin and its effect on pottery, **3**: 25.
for inverted mantle rings, **14**: 407.
lime additions to earthenware, **8**: 147.
limits of variation in biscuit, compn., **7**: 79, 89.
magnesia and, **6**: 90.
materials, requirements of, **12**: 433.
mixts., fritting, **13**: 681.
method of examg. vitrification in, **10**: 361.
non-shivering, **1**: 84.
phosphoric acid action in, mixts., **8**: 236.
plastic clay, attempt to fit enamels to, **18**: 139, 875.
porcelain, crazing and shivering of, **1**: 85.
effect of ball clays on, **18**: 93.
expansion coeff. of mixts., **15**: 499.
fineness of material used in, **10**: 140.
influences of calcium and iron chlorides pptd. in, **16**: 127.
prepn. of clay for, **17**: 81.
temp.-porosity-vol. changes of some, **19**: 636.
toughness of, relation to compn., **7**: 370.
viscosity of, **15**: 328; **17**: 130.
porosity of, effect in the application of mat glazes, **19**: 428.
pottery, sulfates in, **2**: 140, 145.
range in compn. for engobe and glaze for given, **12**: 528.
sagger, strength of, **7**: 201.
sampling, **4**: 212.
soly. in glazes, **4**: 53.
talc as material for, **15**: 532.
tensile-strength tests of, mixts., **17**: 348.
terra cotta, **16**: 169.
translucent, of high porosity, **7**: 149.
vitrification in white-ware, compns., **15**: 286.
white-ware, range in compn. of glazed, made from clay, feldspar and flint, **13**: 86.

Bolting cloth, sizes, **11**: 175.

Bond clays. See *Clays.*

Bonding power. See *Binding power.*

Bone ash. (See also *Calcium phosphate.*)
effect in ceramic mixts., **7**: 274.
effect of partially and completely calcined, on kiln practice, **12**: 184.
flaking of glaze caused by, **10**: 241.
as flux, **7**: 207.
in glaze, crawling produced by, **10**: 225.
as opacifier in glazes, **10**: 243.
refractoriness produced by, compared to flint, **13**: 510.
substitute for, apatite as, **19**: 125.

Bone china. See *China.*

Bonus system, **16**: 264.

Boracic acid. See *Boric acid.*

Borax, analysis of, **12**: 156.
formula and equiv. and mol. wts. of, **2**: 201.
in glass manuf., elimination of, **12**: 193.
industry of Death Valley, Calif., **5**: 64.
in porcelain glaze, **16**: 358.
requirements as pottery material, **12**: 448.

Boric acid, action in glaze, **12**: 140.
as base in glazes, **10**: 164.
crazing prevention by, in enamel, **14**: 520.
detn. in enamel, **12**: 153.
effect of different kinds of, in pottery, **12**: 455.
effect on chrome-alumina colors, **13**: 303.
on chrome-tin pink, **4**: 236; **11**: 260.
on color of uranium oxide glazes, **8**: 219.
on crazing, **11**: 262, 277.
on enamels for steel, **11**: 141, 151.
on expansion coeff. of glaze, **7**: 131.
on fusibility of fritted glazes, **19**: 652.
on glaze, **11**: 373.
on glossiness and fusibility of glaze, **18**: 827.
on opacity of glaze, **1** : 225.
elec. inductive capacity of, **13**: 476.
in enamels for cast iron, variation of, **14**: 751.
as fluxing material, **12**: 322.
fluxing power of, **13**: 509.
formula and equiv. and mol. wts. of, **2**: 201.
in fritted glazes, ratio to silica, **9**: 95.
function of, in the glaze, **12**: 129.
in glaze, effect of impurities in, **13**: 226.
in glaze instead of borax, **16**: 358.
glazes, changes in, **3**: 184.
manuf. in Death Valley, **5**: 67.
mixt. with silica, thermal study of, **14**: 210.
requirements as pottery material, **12**: 446.
in spitting out, **9**: 497.

Boron, in glazes, function of, **10**: 158; **12**: 676; **14**: 731.

Boron oxide. See *Boric acid.*

Boron silicate, **12**: 690.

Borosilicates, acidity or basicity of, testing for, **12**: 689.

Bottles, glass for, requirements of, **15**: 706.

Brass, crucibles for melting, bond clays for, **19**: 606.

Bricks. (See also *Flashing.*)
absorption by, relation to porosity and sp. gr., **9**: 707.
absorption tests, **12**: 316, 317.
absorption tests on Wis., **9**: 693.
Babylonian, **7**: 453.
basic fire-clay, raw material for, **8**: 300.
bauxite, **14**: 487.
black speckle for use on a red face, **6**: 198.
bleaching, **2**: 87.

building, comparison between the absorption, crushing strength and resistance to artificial freezing of, **18**: 686.
Canadian (western), **14**: 82.
chart of operations, **15**: 116, 117.
clay, for filling between silica, in furnace walls, **14**: 822.
clay for, properties of, **17**: 646, 648.
coating to prevent efflorescence, **7**: 280.
color of, effect of coal on, **1**: 69.
color of, expts. to overcome scumming and improve the, **17**: 764.
compn. for load carriers at high temps., **7**: 449.
cost of production of common and paving, at Carnegie, Pa., **8**: 45.
cracking of, in kiln cooled and refired, **15**: 517.
disintegration by crystn. and freezing, **11**: 65.
drier for, operation of, **14**: 615.
driers, improvement in, **6**: 227.
drying, **6**: 271.
drying, from an engineering standpoint, **12**: 392.
dry-pressed, **7**: 232; **12**: 196.
dry-pressed, prepn. of clay for manuf. of, **8**: 274.
efflorescence on—see *Efflorescence.*
enamel applied directly to, **18**: 139.
enamel, class of glazes suitable for, **4**: 77.
enameled, crazing of, **7**: 86.
crushing strength of, **10**: 138.
manuf. of, **5**: 256.
manuf. of, with some investigations on enamel brick slips, **12**: 711.
muffled kilns used for production of, **9**: 675.
enameled or glazed, Missouri clay for, **9**: 88.
enamel for direct application to plastic body, **17**: 695.
ferrous colors in, fired under oxidizing conditions, **5**: 109.
fire, **14**: 250.
behavior under load conditions, **12**: 337; **13**: 210.
cause of permanent expansion in, **13**: 602.
chem. compn. and refractoriness of some Am., **6**: 212.
clay for, in Missouri, **9**: 89.
clay for, properties of, **17**: 262, 644.
clay suitable for, **9**: 242.
from coal ashes, **17**: 590.
coal from Illinois for firing, **9**: 713.
dry-pressed, **7**: 245.
effect on cone with magnesite brick on other side, **3**: 190.
from Iowa clays, **17**: 102.
melting points of, **15**: 168, 176.
modified load test for, **19**: 498.
need for special, **9**: 47.
for oil-fired kiln mouths, **15**: 668.
porosity in, **9**: 703.
production in Pennsylvania in 1913, **18**: 58.
for rotary cement kiln linings, **15**: 731.
shapes, manuf. of, **18**: 80, 869.
testing corrosive action of slags on, **18**: 277, 892.
firing of rough-texture shale, **16**: 179.
firing shale, importance of viscosity in, **16**: 571.
firing with producer gas, **2**: 38; **14**: 778.
Fiske system for manuf. of, **9**: 799.
front, flashing in, **2**: 74.
glass, **8**: 353.
glass (blown), **9**: 796.
heat transmission through, detn. of, **18**: 192, 878.
heat utilized by drying system in, kiln, **11**: 153.
from Illinois joint clay, **11**: 354, 392.
industries of Europe, **15**: 670.
kiln bottoms, **14**: 142.
kilns—see *Kilns.*
lime in, prevention of rupture by, **14**: 224.
load tests on magnesite, chrome and silica, **14**: 391.
magnesia, **14**: 485.
magnesite, effect on cone with fire-brick on other side, **3**: 189.
manuf., ceramic engineer in, **5**: 237.
manuf., elimination of hand labor in, **5**: 21.
manuf. in Argentina, **14**: 242.
manufacturers of clay, at Cleveland, O., **18**: 452.
from Montana clays, **14**: 602.
from paved streets, rattler tests on, **16**: 364.
paving, **13**: 792.
from blast-furance slag, **19**: 507.
chart of operations, **15**: 115, 117.
comparison between the rattler test and the sand-blast test for, **14**: 180.
crystals in, **10**: 299.
effect of whitewash on, **1**: 104.
equipment of a modern plant for, **4**: 189.
fireclay addition to, **17**: 455.
firing for max. strength and toughness **17**: 470.
heat distribution in kiln for, **10**: 428.
Kansas clay for, **16**: 201.
microscopic structure of clays for, at various stages of fusion, **9**: 231.
shale, function of time in vitrification of, **13**: 388.
testing clays for, **12**: 265.
twenty percent, **18**: 124.
use of a thermo-couple pyrometer in plant for, **14**: 256.
phenomena of simultaneous decrease in vol., porosity and sp. gr. without loss in wt., **9**: 230, 231.
plant at Neustaedtel, Silesia, **17**: 602.
plant, dry-press and stiff-mud, **17**: 771.
plant in Berka, **17**: 596.
plant in Leipzig, **17**: 592.
power consumption of stiff-mud, machinery, **14**: 632; **16**: 401.
pressing, **2**: 177.
refractoriness of New Jersey fire, **6**: 141.
refractoriness, relation to compn., **7**: 449.

relation between porosity and crushing strength of, **12**: 564.
re-pressing, **16**: 197.
resistance to frost, rapidity of absorption as a measure of, **9**: 704.
resistance to frost, relation to hardness, **9**: 528.
resistance to frost, relation to structure, **9**: 530.
salmon, weathering of, **9**: 538.
sand-lime, **4**: 156; **5**: 168; **7**: 279.
chemistry of, **13**: 648.
fire tests on, **12**: 83.
lime detn. in, **17**: 726.
manuf. of, **7**: 453.
silica bond in, **17**: 471.
testing, **5**: 193.
satin-finish, glaze for, **5**: 62.
scum on—see *Scum.*
scum prevention on, by barium compds., **8**: 255; **17**: 200.
settle in, kilns, measurement of, **7**: 409.
settle records, **7**: 422.
shale, manufacturers near Cleveland, O., **18**: 464.
silica, **14**: 483.
behavior under load at high temp., **12**: 339.
effect of heating above 575°, **15**: 518.
firing with coal to cone 26, **12**: 113.
manuf. by the "Anaconda" method, **13**: 152.
mixts., vol. changes of, **18**: 519.
Ohio clay-bonded sandstones for manuf. of, **18**: 473, 907.
refractoriness of, **19**: 534.
vol. changes on heating, **19**: 83.
slag, **15**: 547.
slag paving, **18**: 492, 910.
specifications for building, **12**: 565.
specific gravity of, value of, **17**: 215.
stain on buff, due to clay storage, **19**: 124.
stiff-mud process, **7**: 240.
strength tests of Ore. building, **17**: 660.
sulfur elimination in manuf. of, **11**: 93.
testing, for use at a given temp., **19**: 534.
tests for, **9**: 744.
thermal cond. of clay *vs.* silica, **16**: 382.
toughness of vitrified paving, influence of the rate of cooling on, **9**: 618.
transportation system for, **14**: 347.
unit stack system, **5**: 25.
vesicular structure of, **15**: 79.
vitrification zones in paving, **5**: 234.
weathering of fire clays in the manuf. of face and paving block, **16**: 405.
white glazed, effect of rate of cooling of the kiln on color of, **2**: 184.

Briqueting, of fuel, **12**: 69.

Briquets, for tensile strength testing, **2**: 110; **6**: 235.

Bristol glazes. See *Glazes.*

Brittleness, of enamel, effect of fluorides on, **14**: 522, 542.
testing, **14**: 256

Browns. See *Colors.*

Brown spot, **12**: 182.

Brucite, **6**: 73.
reaction with flint under steam pressure, **15**: 128.
tensile strength of ground, **6**: 77.

Bubbles. (See also *Blistering; Vesicular structure.*)
in clay after pugging, **12**: 378.
effect on silvering of glass, **17**: 519.
in enamels, formation by sodium chloride, **17**: 125.
in enamel surfaces, **19**: 148.
fluorides as cause of, **8**: 153.
formation in ground coat of sheet iron enamel, relation to ability to take good finish enamel, **18**: 352.
in glass, cause and differentiation of, **17**: 793.
in glass (molten), formation and removal of, **19**: 201.
in glazes, **2**: 139.
opacity and, **16**: 579.
in under-fired glaze, **5**: 344.

Building materials, artificial sandstone as, **4**: 170.
decorative, burned clay as, **1**: 15.
production in U. S., **4**: 21.
specific gravity and wt. of non-metallic, **7**: 453.

Bureau of Standards, work of, **15**: 55.

Burner, for enamel furnace, **19**: 375.
for lab. test kiln, **12**: 127.
for oil fuel, **14**: 802, 804; **15**: 667.

Burning. See *Firing.*

Cables, ceramic materials for, **18**: 137.

Calcination, of clay for grog, **18**: 165, 876.
effect of temp. of, on chrome-tin pink, **14**: 176.
of flint, effect on action in body, **12**: 331.
kilns for, **16**: 435, 442.
temp. of, of limestones, **13**: 618.

Calcite, sepn. from other common minerals of clays, **11**: 468.
system: feldspar–calcite, **18**: 575.

Calcium, in clay, effect of form of, **13**: 690.
effect on color of chrome-tin pink, **11**: 229, 255.
as flux in porcelain manuf., action of diff. forms of, **10**: 265, 288.
vitrified products from clay high in, absence of, **14**: 357.

Calcium aluminate, in cement clinker, replacement by calcium ferrate, **17**: 78.
hydration of, **16**: 313.
titration of calcium oxide or hydroxide in presence of, **17**: 720.

Calcium borate, formula and mol. and equiv. wts. of, **2**: 201.

Calcium carbonate. (See also *Limestone; Whiting.*)
decompn. of, effect of clay on, **5**: 93, 97.
dissociation of, **18**: 216, 883.
dissociation temp. of, **13**: 637.
in enamels for steel, interchangeability with calcium fluoride, **11**: 141.

formula and mol. and equiv. wts. of, 2: 201.
scum prevention by, 8: 265.
tannic acid and, 6: 52.
titration of calcium oxide or hydroxide in presence of, 17: 726.
Calcium chloride, effect of, pptd. in a porcelain body, 16: 127.
effect on clays, 15: 184.
Calcium compounds, effect on green chromium stains, 14: 419.
requirements as pottery materials, 12: 445.
Calcium ferrate, in cement clinker, replacement of calcium aluminate by, 17: 78.
Calcium fluoride. See *Fluorspar*.
Calcium hydroxide, dissociation of, 14: 792; 16: 218, 883.
effect on fireclay, 12: 786.
effect on natural cements, 6: 162.
flocculating and deflocculating effect of, 16: 544.
titration of, in presence of some aluminates or silicates, 17: 720.
Calcium oxide. See *Lime*.
Calcium phosphate. (See also *Bone ash*.)
effect on body mixts., 8: 236.
formula and equiv. and mol. wts. of, 2: 202.
Calcium silicates, 15: 489; 16: 109.
asbestos compd. of, effect of acetate solns. on, 15: 137.
as bonding material in sand-lime brick, 17: 471.
in cement clinker, 17: 67.
as elec. insulators, 15: 125.
formed under steam pressure, 15: 130.
heats of hydration of, 5: 96.
hydration of, 16: 313.
recrystn. of, functioning of calcium ferrate and calcium aluminate in, 17: 78.
in sand-lime brick, 13: 667.
titration of calcium oxide or hydroxide in presence of, 17: 720.
Calcium sulfate. (See also *Gypsum*; *Plaster of Paris*.)
dissocn. of, and the removal of dryer scum, 18: 271.
effect on drying behavior of clay, 17: 708.
effect on setting time of cement, 16: 556.
as flux in porcelain manuf., 10: 265, 288.
formula and mol. and equiv. wts. of, 2: 202.
scum caused by, 17: 200.
soly. of, 8:255.
titration of calcium oxide or hydroxide in presence of, 17: 726.
Calcium sulfide, soly. in glass, 14: 667.
Calculation, of ceramic mixts., 13: 122.
combining wt. of Cornwall stone for, 7: 367.
enamel, 13: 502; 14: 508.
manual of ceramic, 2: 196.
molecular ratios in, 3: 75.
of rational compn., 8: 203, 204.
table for obtaining the silica content of glazes where the total oxygen-ratio and the alumina are given, 6: 260.
Calibration, of micrometer, 13: 439.
of thermocouples, 11: 459; 18: 374.
of thermocouple systems, potentiometer for, 19: 266
of viscosimeter, 15: 406.
of voltmeter, 14: 282.
California shale, 11: 443.
Canadian clays, 14: 152, 331, 813; 16: 65; 17: 497.
Capillary action, relation to drying, 19: 542.
Carbon, coloration of porcelain by, 3: 216.
effect on oxidation of sulfur, 11: 97.
pin-holing and blistering caused by, 9: 180.
Carbonates, decarbonization in clay burning, 5: 399.
Carbon dioxide, effect of dissolved, on rocks, 13: 53.
kaolin formation by waters contg., 13: 67, 472.
in setting of lime mortar, 16: 117.
Carborundum, brick, load test, 19: 501.
for dies for dust-pressed ware, 12: 599.
furnace lining of mixt. with clay, 8: 302.
as refractory material, 14: 487.
saggers of, 11: 224.
Carborundum firesand, 14: 486.
Cassiterite, in pegmatite, 14: 439.
Casting. (See also *Molds*.) 17: 330.
of clay wares, effect of alkalies in, 19: 460.
control of, by detn. of elec. cond., 15: 531.
deflocculant required for, detn. of, 17: 652.
deflocculants for, 12: 799.
electrolytes in, 16: 545.
factory practice in, of clay ware, 17: 691.
large clay wares, 15: 573.
paving brick from blast-furnace slag, 19: 515.
porcelain for elec. purposes, 17: 629.
pottery, app. and other improvements, 16: 235.
settling of clay slip in, prevention of, 18: 641.
tube manuf. by, 19: 400.
Catalysis, in silicate fusions, 9: 455.
Catechu, effect on clay, 6: 32, 38, 49, 59.
Cavities. See *Pores*.
Celite, 5: 75; 17: 68, 71.
synthesis of, 17: 73.
Celsian, 15: 146.
Cement, hydraulic. (See also *Dental cements*.) 6: 155.
analysis of, 9: 794.
chemistry of, 17: 66.
clay for, in Missouri, 9: 90.
clays for, rational analysis of, 3: 46.
clays high in feldspar for manuf. of, 3:61.
compn. of, 7: 280.
crazing of tile set in, 7: 87.
cryst. effects in firing, 9: 407.
cryst., from fusion in elec. furnace, 7: 281.
elec. resistance of, 4: 95.
fineness of raw, mixts., 5: 99.
firing temp. of, 3: 64.
firing temp. of, effect of, 15: 420.
furnace (elec. shaft) for manuf. of, 7: 149.
gaps in our knowledge of, 4: 270.

heating, loss of wt. by, 7: 281.
heats of hydration, 5: 96.
hydration of, 16: 313.
hydraulic strength of, 5: 101.
kiln for small batches of, 16: 435, 442.
kilns, refractory linings for rotary, 15: 728.
lime (free) in, 7: 277.
low-pulling early stage, *vs.* ordinary early strength developing, 7: 453.
manuf. of, 7: 275; 9: 794.
"mol. wts." of, 17: 69.
mortar, destruction by absorption of sulfuric acid from bricks, 7: 281.
plant at Roosevelt Dam, 7: 453.
properties of, effect of fine grinding on, 10: 244.
properties of white portland, 16: 551.
recent investigations in, 5: 74.
setting of, heat change in, 7: 280.
setting time of, measurement of, 19: 573.
setting, vol. changes and heat changes in, 7: 281.
slag, manuf. of, 9: 794.
specific gravity and wt. of, 7: 453.
sulfur or gypsum content of, 7: 280.
tests at St. Louis Exposition, 7: 453.
vitrification of, effect of ferric oxide on, 6: 92.

Ceramic industry. (See also *Costs.*)
9: 41; 16: 53.
Am. Ceram. Soc. and its relations to the practical potter, 3: 159.
of Argentina, 14: 238.
coöperation in, 12: 614.
coöperation in, at Iowa State College, 16: 580.
foreign trade and, 17: 55.
German clayworking plants, 17: 592.
government support for, 6: 28, 29.
growth in America, 7: 41.
mechanical work in, 5: 373.
Philippine, 14: 723.
progress of, 4: 19.
re-inforced concrete as applied to pottery construction, 8: 327.
relation between the artist and the chemist in, 13: 97.
research in, 4: 82.
at St. Louis Exposition, 1904, 7: 47, 289.
scientific management and bonus system in, 16: 264.
secrecy in, 2: 19; 14: 60.
shop notes, 15: 388.
state geol. surveys and, 9: 742.
technical advances in Trenton, 2: 147.
technical knowledge in, 7: 33.
technical training schools in connection with industrial plants, 14: 592.
workmen in, discussion on handling of, 8: 75.

Ceramic materials, Am. white-ware, 12: 618.
classification into fluxes and refractories, 13: 84.
in elec. industry, 18: 133.
fineness of ground, standard for, 8: 244.
fineness of raw, detn. of, 18: 499, 912.
formulas and mol. and equiv. wts. of, 2: 200
reactions in, mechanism of, 17: 78.
requirements of, 12: 433.
specific gravity of, value of, 17: 215.
white-ware possibilities of Colo. raw, 8: 98.

Ceramic products, in elec. industry, 18: 133.
of national importance, 19: 81.

Ceramics. (See also *Education; History; Literature.*)
address, 8: 37.
definition of, 6: 115; 15: 371; 19: 72.
department at Rutgers College, 5: 122.
department of, in the Ore. School of Mines, 16: 244.
extension of information with reference to, 19: 72.
industrial coöperation in, at the Iowa State College, 16: 580.
lead ores in, 4: 131.
New York School of Clay Working and, 16: 371.
progress of, 4: 19.
pyrometry in, 18: 685.
research subjects of Soc. d'encourgement pour l'industrie nationale, 7: 150.
at St. Louis Exposition, 1904, 7: 47, 289.
technical advances in Trenton, 2: 147.
technical study of, 7: 33.

Ceramic shorthand, 6: 167.

Ceramic ware. (See also *Hollow ware; Pottery; White ware;* etc.)
American *vs.* European, 7: 50.
classes of, in which vitrification is important, 16: 498.
crushing strength of, relation to porosity, 14: 292.
designing and making profiles, 15: 390.
exports by U. S., 17: 60.
equiv. wts. in ceramic compn., 1: 7.
glazed, as an architectural decoration in exterior *vs.* interior work, 3: 153.
imports by U. S., 17: 58.
loss in thick cups and mugs, 15: 392.
metallic lusters on, 7: 274.
production in U. S., 4: 21.
properties of, relation to kind of clay and method of manuf., 14: 250.
punch for, 16: 238.
superheated steam and, 2: 31.
system for keeping track of, wanted quickly in biscuit, 15: 389.
testing, 9: 746, 748, 751.

Cerussite, in ceramics, 4: 131.

Charcoal, reaction with sand, soda ash, salt-cake, common salt, limestone and white arsenic, 15: 589.

Checking, control of, 14: 624.
of vitrified sewer-pipe, 16: 461.

Chemical composition, percentage calcn. from mol. formula, 2: 211, 217.

Chemical compounds, equiv. wt. of, calcn. of, 2: 235.

Chemical formulas, in ceramics, 3: 164.

Chemical porcelain. See *Porcelain.*

Chemical reactions, in ceramic materials, mechanism of, **17**: 78.
of colloid matter in clay, **12**: 768.
in formation of residual clay, **13**: 336.
of interest to the plate-glass chemist, **14**: 642; **15**: 585.
temp. in silicates, **9**: 454.
velocity, detn. in study of silicates, **5**: 234.
Chemist, artist and, in ceramic manuf., **13**: 97.
in ceramic industry, **16**: 63.
glass manufacturer and, **12**: 186.
Chemistry, in Geophys. Lab. work, **15**: 51.
silicate, problems in, **15**: 58.
theories for ceramist, **3**: 79.
Chili saltpeter. See *Sodium nitrate.*
China. (See also *White ware.*)
American, **17**: 357.
from American materials, **18**: 619, 921.
barium compds. in manuf. of, **17**: 247.
Belleek and, **13**: 170.
bodies for vitrified, **14**: 377.
body, range in compn. of, **13**: 86.
bone, apatite in manuf. of, **19**: 125.
bodies, **7**: 204.
effect of bone ash in, **7**: 274.
manuf. at cone 8, **2**: 182.
plea for, **12**: 175.
comparative effects of the oxides of calcium, magnesium, strontium, barium and zinc on, **11**: 494.
definition of, **12**: 307.
drying heavy, **11**: 390.
English, **7**: 52.
Georgia kaolin in, as substitute for English china clay, **18**: 797.
glazes for semi and vitrified, use of zinc oxide in, **17**: 520.
hotel, **12**: 451.
manufd. in Trenton, **2**: 147.
manuf. in U. S., **2**: 181.
progress in, **4**: 23.
test of, **12**: 320.
toughness of, **7**: 370.
loss in manuf. of vitrified, **15**: 392.
from North Carolina kaolin, **17**: 365.
porcelain and, **3**: 19.
properties, factors in, **14**: 375, 381.
vitrified, workable body for, **11**: 524.
Chlorides, role in the volatilization of ferric iron, **17**: 125.
stones in glass caused by excess of, **18**: 544.
Chromite, brick, load tests on, **14**: 391.
brick, melting point of, **15**: 171.
melting point of, **15**: 171.
prepn. for refractories, **14**: 483, 485.
Chromium, aluminium-, colors, **11**: 55; **13**: 301.
green-glaze, effect of zinc compds. on, **17**: 667.
green, stains, **14**: 418.
ruby glass, **16**: 548.
-tin colors, **11**: 52.
-tin colors at cone 9, **19**: 378.
-tin pink, **6**: 148; **12**: 517; **13**: 324.
-tin pink, constitution of, **4**: 230; **5**: 242.
-tin pinks, effect of various combinations, amts. and source of chromium, **11**: 228, 251.
-tin pink, production of red from, **14**: 172.
-tin red glazes, **17**: 278.
underglaze colors contg., effect of zinc on, **15**: 118.
Chromium chloride, underglaze-color production by, **16**: 487.
Chromium hydroxide, mixt. with flint and asbestos, effect of steam pressure on, **15**: 129.
Chromium oxide, action in glazes contg. zinc, **10**: 124.
black spots on terra cotta glazes by, **14**: 227.
as coloring agent, **16**: 261.
as coloring agent in mat glaze, effect of variation of RO elements on, **16**: 248.
formula and mol. and equiv. wts. of, **2**: 203.
glaze, tin oxide in, **16**: 358.
melting point of, **15**: 173.
in pink vitrified floor tile, amt. required, **15**: 142.
in underglaze colors, **1**: 61.
Citric acid, action on enamels, **17**: 149.
Clamps, for holding pressed jug cases, **16**: 241.
Clarifiers, for glass, **11**: 313.
Clark apparatus. See *Viscosimeters.*
Clayite, **14**: 817.
Clays. (See also *Kaolin; Shale.*)
12: 56.
absorptive power of, **6**: 70.
addition in grinding frit, **16**: 449.
aging, **3**: 173, 175.
aging mixts. of, bacterial growth as a factor in, **4**: 183.
Albany slip, **18**: 242.
alkali absorption by, **17**: 346.
alkali in, source of, **8**: 203.
as alumina source for cryst. glazes, **10**: 481.
American bond, properties of some, **19**: 601.
American, for floating enamels, **19**: 339.
analyses of fresh and weathered, **13**: 380.
analysis, app. for, **5**: 355.
of Argentina, **14**: 238.
for assay crucibles, **10**: 484.
bacteria in, mixts., **5**: 358.
ball, Am. compared to English, **17**: 370.
color of diff. brands, **6**: 207.
definition of, **7**: 88.
expansion curve of, **14**: 476, 478.
manuf. of ceramic ware without, **6**: 46, 231, 250.
phys. properties of some, and their effects on porcelain, **18**: 93.
requirements as pottery material, **12**: 438.
bauxite, melting point of, **15**: 171.
blue coloration on standing wet, **6**: 55.
bodies, attempt to fit enamels to plastic, **18**: 139, 875.
body, increasing wt. of, carried by water, **17**: 332.
bond, improvement for firebrick manuf., **12**: 363.
bond, improvement of, **13**: 223.

building-brick, porosity and sp. gr. of, 9: 297.
calcined, effect on the shrinkage and mechanical strength of a No. 3 fire clay body, 18: 524, 915.
calcining, for grog, 18: 165, 876.
for cement manuf., 5:103.
in cements, 4:273.
chem. and phys. changes in, due to the influence of heat, 12: 226.
chem. problems of, 15: 59.
china from American, 18: 619, 921.
china, substituted for English ball, effect on opacity, 6: 207.
classification of, 9: 205, 239.
classification of, with varying amts. of water, 16: 472.
colloid matter in, technical control of, 12: 768.
colloid matter of, and its measurement, 11: 530.
of Colorado, 8: 102.
coloring stoneware, 14: 262.
color in, stored in newly cut red oak, 6: 52.
color standards, 13: 113.
commercial, of Utah, 13: 277.
compn. for mending kiln furniture, 17: 291.
compn. of, 4: 273.
constancy of clay substance, 8: 200.
constitution of, relation to its ability to take a good salt glaze, 4: 211.
cracking, effect of lime on certain, 17: 497.
Cretaceous, of Canada, drying defects of, 14: 152.
crushing strength of products from diff., 14: 292.
crystn. in, 10: 299.
deflocculating agents and, 17: 81.
deformation point of, effect of TiO_2 on, 12: 533.
dehydration point of pure and calcareous, 4: 146.
for dense body, detn. of value of, 7: 114.
deposits of Devon and Cornwall, 7: 274.
deposits of Oregon, 15: 644.
deposits of Washington, 13: 751.
discussion of the recommendations of the Society's committee on coöperation, especially their recommendations to the state geologists, 10: 526, 528, 530, 535.
dressing of, theory of flotation and its relation to, 18: 263, 888.
dried, compression, tensile and transverse strength of some, 16: 273.
drying behavior of, app. for studying, 18: 564.
drying behavior of some, effect of salts on, 17: 697.
drying of, 10: 146, 709.
drying of certain Tertiary, 13: 765.
drying of, lab. oven for, 16: 409.
drying properties of, need of methods of testing, 9: 48.
for dry-press brick manuf., prepn. of, 8:274.
for earthenware bodies, necessity of plastic, 12: 115.
effect of acids and alkalies on, in plastic state, 14: 827.
effect of content of, on resistance of porcelain to temp. changes, 13: 596.
effect of content of, on strength of porcelain, 13: 395.
effect of content of, on vitrification of porcelains, 15: 318, 337.
effect of fluxes and non-fluxes on the change in porosity and sp. gr. of, 10: 293.
effect of rate of application of heat to, and clay bodies, 11: 620.
effect of satd. sodium sulfate soln. on the structure of, burned to different temps., 17: 248.
effect of variation in, on glaze defects, 13: 166.
effect of varying compression loads applied to, in the plastic condition, 16: 194.
effect on decompn. of calcium carbonate, 5: 97.
on expansion coeff. of porcelain, 13: 415.
on expansion coeff. of white-ware mixts., 13: 431.
on fusibility of Bristol glazes, 18: 508.
on fusibility of glazes, 5: 142.
on fusibility of stoneware, porcelain and terra cotta glazes, 18: 515.
on fusibility of terra cotta glazes, 17: 399, 403.
on glaze, 5: 147; 13: 579.
on gloss of terra cotta glazes, 17: 399.
on opacity of glazes, 13: 559, 576.
efflorescence from substance in, 8: 372.
Egyptianized, 6: 31, 231.
elec. cond. of, and clay suspensions, 15: 523.
elec. insulators from buff-red, 4: 129.
elec. sepn. of, 15: 338.
electrolytes and, 15: 184; 16: 515; 19: 467.
elevator for wet, 19: 484.
elutriation of, effect of salts and alkalies on, 17: 367.
for enamel brick slips, 12: 711.
for enamel on cast iron, 13: 549.
expts. with magnesia and, 8: 364.
exports of, by U. S., 17: 58.
feldspar as solvent for, 12: 670.
field tests for valuation of, 10: 531, 534, 536.
fineness of, on market, 10: 140.
fire, 12: 228.
bodies, effect of size of grog in, 19: 268.
compn. and refractoriness of wares of, 7: 449.
diff. between plastic and non-plastic, 14: 302, 335.
effect of grog in body of, 17: 409.
effect of varying water content in, 17: 436.
for high-tension insulators, 14: 579.
lab. methods for the phys. testing of, 17: 91.
of Pennsylvania, 18: 57.
properties most suitable for fire-bricks, 17: 262.
relation of analysis to refractoriness, 7: 277.
settling and filtration of, 14: 399.
shivering in body of, 17: 310.

strength after repeated heating, 18: 545, 917.
testing refractories of, 19: 534.
tests of Iowa, 17: 102.
weathering of, in the manuf. of face brick and paving block, 16: 405.
for firebrick, 13: 602.
fire (No. 3) body, effect of non-plastic materials on the shrinkage and mechanical strength of, 18: 524, 915.
for fire-proof porcelain, 9: 637.
firing behavior of, 16: 230.
firing, graphic method of showing loss of water in, 5: 364.
firing properties of some Am. refractory, 19: 248.
firing to diff. temps., effect on constitution and microstructure, 18: 421.
flashing of Ohio, 1: 80.
flint, 3: 42.
flint, and their associates, 14: 301.
flint, firebrick from, 12: 362.
flint fire, deposits of northeastern Kentucky, 9: 461.
flint fire, hydrated silica in, 12: 50.
flint, high in alumina, 8: 297.
in floor tile, relation of wearing quality to content of, 7: 371, 393.
flow of, through dies, 11: 411; 19: 479.
flow of, under pressure, 16: 392.
flux action on diff., 11: 198.
fluxing effect of, in cone mixts., 8: 168.
formation in the lab., 8: 180.
formation of, 14: 254.
formation of residual, 13: 336.
furnace lining of mixts. with bauxite and with carborundum, 8: 302.
fusibility of, 9: 312.
fusibility of, effect of grain size of minerals on, 5: 362.
fusion curves as means of study of, 10: 259.
geol. study and rept. on, 8: 221; 9: 480.
for glass-pot and tank-block manuf., 8: 356; 16: 101.
glass-pot, German plastic, 12: 259.
gumbo, tensile strength of, 2: 120.
gypsum and, 13: 689.
"Helmstadter," for red bodies, 16: 127.
hydrated silicic acid detn. in, 12: 43.
hydrated silicic acid in, effect of, 3: 30.
imports by the U. S., 17: 56.
improvement of, 12: 802.
improvement of Kansas, 16: 201.
iron in the firing of, 5: 377.
iron oxide reduction in acid, 16: 139.
iron sulfate from, in ware, 9: 523.
of Kansas (eastern), 16: 120.
lake-bottom, 2: 101.
lime in, action of sulfur on, in kiln, 2: 34.
limestone (granular) behavior in fired, 14: 218.
linear shrinkage of, test pieces, 18: 557, 919.
loess, tensile strength of, 2: 120.
magnesia and, 5: 130; 6: 86.
material called, from Texas, 3: 40.
maturing of, function of time in, 13: 387.
mechanical analysis of, 11: 467; 12: 795.
melting point of, 7: 276.
melting range of mixts. with limestone, 15: 547.
mica and, 2: 99; 4: 255.
mineralogical examn. of, 15: 322.
mining in Europe, 13: 228.
mixtures, properties of, 17: 652.
molds, 9: 193.
molecule, physics of, 17: 616.
nature of, as cause for failure in ceramic manuf., 16: 62.
in New Jersey, list of available, 19: 635.
nomenclature of, 14: 815.
of Ohio (upper) and Beaver river region, 7: 251.
origin of, theory of, 17: 557.
overfiring, effect on structure of, 15: 71.
paper, testing of, 14: 571.
particles, nature of, 7: 43.
paving brick, microscopic structure at various stages of fusion, 9: 231.
physical characteristics of English pottery, 8: 253.
physical structure at end of oxidation period, 5: 409.
physical structure of dehydrated, 5: 401.
plasticity of—see *Plasticity*.
porosity–temp. relation of a, prepd. in the plastic and in the moist condition, 15: 570.
porosity–temp. relations of fireclay, shale and surface-clay mixts., 17: 450.
preheating temp. and vol. shrinkage, 14: 811.
preheating treatment of, 11: 392; 12: 504.
prepn. and mixing of, for clay and tile in Europe, 15: 671.
press, re-use of water from, 11: 365.
for promenade tile, 14: 163.
properties of, relation to microstructure and compn., 14: 346.
pugging, 12: 376.
from pug mill, examn. of, 11: 350.
purification of, relation of salt to clay in, 19: 460.
pyro-chem. and phys. behavior of, 9: 204, 231.
pyro-phys. behavior of flint fire, 10: 365; 11: 342.
rational analysis of, as a means of controlling glaze fit, 14: 359.
rational analysis of, for cement manuf., 3: 46.
rational compn. of, 2: 93, 96; 9: 772.
rational compn. of, relation to crazing, 13: 170, 193, 203, 207.
raw, relation between the tensile strength and transverse strength of, 12: 141.
raw, tests for, 9: 768.
reaction with lime, 5: 141; 7: 279.
reaction with lime in cement manuf., 5: 94
red-burning, hydrated silica in, 12: 51.
for refractories, 14: 250.

refractoriness of aluminous, 7: 276.
refractoriness of, testing, 5: 228.
refractory behavior of, relation to m. p., 12: 338.
refractory, relation between the fusion point and the compn. of, 19: 303.
relations between compn. and properties of, 14: 355.
relation between the modulus of elasticity and the porosity of fired, 17: 464.
rept. of the committee on coöperation with federal and state geol. surveys, 9: 741.
resources in vicinity of Cleveland, O., 18: 450, 906.
restoration of plasticity to pottery scrap, 16: 96.
for roofing tiles, 13: 308.
in salt solns., 7: 279.
sagger, 17: 263.
sagger, classification of, 12: 289.
sagger, from Akron, 2: 190.
sagger, test of, 12: 279.
salts of, crystn. of, 11: 69.
sandy surface, bricks from, 14: 83.
satg., trials for absorption and porosity detns., 18: 73.
shapes, manuf. of, 18: 80.
for slip purposes, 4: 49.
in slip, relation of amt. of, to viscosity, 11: 603.
slips—see *Slips*.
soft-burnt, as an ingredient of sand for sand brick, 5: 178.
soly. in feldspar, 13: 479.
sol. salts in, influence on behavior of slip and glaze, 16: 162.
specific gravity of, value of, 17: 215.
specific heat of, 14: 394.
stoneware, engobes for western, 4: 53.
storage, 19: 102.
strength changes in lab. drying, 15: 270.
strength of, bars as influenced by the temp. of drying, 15: 345.
structure of, 10: 362.
substance, relation to kaolinite, 13: 194.
sulfur elimination from, 11: 93.
for terra cotta, 9: 508.
thermal cond. of refractories of, compared to silica, 16: 382.
thermal cond. of refractory, 6: 119; 7: 434, 437.
tensile strength of, measurement of, 7: 397.
tensile strength of, mixts., 3: 198.
tensile strength of, mixts., relation to size of the grains of their non-plastic constiuents, 2: 100.
tensile strength of raw, 6: 79.
testing, 9: 746, 748, 751; 17: 639.
directions for, 17: 655.
for paving brick purposes, 12: 265.
standard processes for, 3: 217.
for whiteware pottery, 9: 54.
titanium detn. in, 12: 158.
transportation system for, 15: 354; 16: 216.
treatment to secure toughness in paving brick, 9: 618.
unweathered *vs.* weathered, 3: 171.
utilization of an Illinois joint, 11: 354, 392.
Valender, substitution for, in floating enamels, 19: 339.
of various states, 7: 38.
viscosity during vitrification, value of high, 16: 572.
viscosity of, mixts. without addition of alkali, 17: 344.
viscosity of slips from various, 17: 354.
vitrification of, effect of pressure on, 14: 822.
vitrification of, function of time in, 15: 193.
vitrification ranges of, detn. of, 17: 424.
warpage of roofing tile, 12: 818.
washed, increased tensile strength and plasticity in, 14: 403.
washing, effect on plasticity, 3: 178.
weakness of, causes of, 13: 422.
white-ware, from Colorado, 8: 98.
-working dept. at Rutgers College, 5: 122.
working of some Montana, 14: 602.

Cleavelandite, 15: 146.

Clinker, cement, loss of wt. on heating, 7: 281.
cement, raw materials and production of, 16: 552.
chem. equil. in, 17: 69.
formation and constitution of, 17: 67.
formation, replacement of alumina by ferric oxide in, 17: 76.
relation of fusing point of ash to availability of coal for burning ceramic wares, 19: 488.
rotary-kiln cement, condition of iron in, 5: 104.

Clip, for briquet testing, 6: 235.

Cloudiness, in glass, production of, 12: 187.

Coagulants, effect on drying behavior of clay, 13: 772.

Coagulation, 11: 532.
of clays, reagents for, 12: 789.
by neutral salts, 16: 544.
power of salts, measurement of, 11: 539.
by weathering of clay, 14: 399, 401, 404.

Coal, ashes, fire-brick from, 17: 590.
ashes, relation of fusing point of, to availability for firing ceramic wares, 19: 488.
coloring power on clayware, 1: 69.
compn. of, variation in firing due to, 13: 118.
consumption in drying brick, 5: 36.
economy of, by use of producer gas, 2: 42; 8: 398.
firing white-ware with bituminous, *vs.* anthracite, 3: 221.
Illinois, for firing firebrick, 9: 713.
kiln temps. from, and producer gas, 12: 93.
origin of clay as compared to that of, 17: 557
for producer-gas manuf., 14: 785.
in window-glass mixt., 17: 228.

Coatings, for dryer cars, 17: 727.
efflorescence prevention by, 7: 280.

Cobalt, colors other than blue, 14: 764.
detn. in enamel, 12: 149.

pink color, **12**: 707.
uranium colors, **16**: 209.
Cobalt nitrate, underglaze color production by, **16**: 487.
Cobalt oxide, analysis of, **12**: 171.
black spots on terra cotta glazes by, **14**: 227.
as body stain for pottery, **12**: 443.
effect on enamels for steel, **11**: 140.
formula and mol. and equiv. wts. of, **2**: 203.
green color produced in roofing tile by antimony sulfate and, **16**: 211.
in ground-coat enamels for sheet steel, **14**: 756.
in ground coat for cast iron enamels, **13**: 545, 549.
as ground coat for sheet-iron enamel, **18**: 343, 897.
in pegmatite, **14**: 439.
Cobalt silicate, **12**: 690.
Cobalt sulfate, formula and mol. and equiv. wts. of, **2**: 203.
in kaolin refining, **18**: 928.
Coke ovens, silica brick for, **19**: 535.
Colemanite, boric acid manuf. from, **5**: 67.
as frit for stoneware glaze, **10**: 221, 226.
Colloidal chemistry, in kaolin refining, **18**: 767.
Colloids, absorption of colors by, **6**: 196.
as adhesives for glaze, **18**: 163.
china clay, **12**: 444.
classification of, **16**: 71.
in clay, **16**: 70; **17**: 626.
of clay and measurement of sa e, **11**: 530.
of clay, changes on drying, **11**: 357.
clay, effect of electrolytes on, **16**: 515.
in clays, effect on tensile strength, **6**: 82.
of clay, shrinkage of, **13**: 387.
in clays, technical control of, **12**: 768.
effect on clay, **6**: 51, 57, 232.
in fire clays, effect on settling and filtering, **14**: 399.
regulation of glazes and slips by control of, **18**: 163.
silica, **11**: 394.
surface-tension effects in, **12**: 560.
theory of plasticity, **6**: 65; **8**: 189; **11**: 586; **14**: 77; **17**: 616.
Color(s). (See also *Discoloration; Flashing.*)
absorption (selective) by crystals, **6**: 196.
application to pottery, **6**: 112.
in architecture, **1**: 18, 20.
of Bedford shale, **5**: 295.
black and chocolate floor tile, **14**: 262.
black speckle for use on a red face brick, **6**: 198.
black spots on terra cotta glazes, **14**: 227.
blue-gray stoneware, **12**: 531.
body stain, **12**: 443.
of borax and tin fired together, **4**: 142, 145.
of brick, effect of coal on, **1**: 69.
of brick, improvement of, **17**: 764.
buff, effect of alumina on, **16**: 139.
change in clay by preheating, **13**: 781.
of china bodies, effect of various oxides on, **11**: 494.
chrome-alumina, **13**: 301.
chrom -green, **14**: 418.
chrome-green glaze, effect of zinc compds. on, **17**: 667.
chrome ruby glass, **16**: 548.
chrome-tin, at cone 9, **19**: 378.
chrome-tin pink, **6**: 148; **11**: 228; **12**: 517; **13**: 324.
chrome-tin pink, constitution of, **4**: 230; **5**: 242.
chrome-tin red, **14**: 172; **17**: 278.
chromium oxide, **16**: 261.
chromium oxide action in glazes contg. zinc, **10**: 124.
chromium oxide, effect of variation of RO elements on, **16**: 248.
of clay after heating under pressure, **14**: 825.
of clay, effect of deflocculating agents on, **17**: 81.
of clay, effect of salts on, **17**: 702.
in clay on standing wet, **6**: 55.
of clays given a preliminary heat treatment, **11**: 403.
in clay stored in newly cut red-oak, **6**: 52.
cobalt-blue glazes, influence of alumina and boric oxide on, **12**: 683.
cobalt, other than blue, **14**: 764.
cobalt pink, **12**: 707.
copper glaze, **2**: 132; **4**: 278.
copper mats, **15**: 593.
copper reds, **4**: 45.
in cryst. glazes, **4**: 44; **6**: 191, 194.
for dental porcelains, **17**: 198.
dichroism, **17**: 288.
for dust-pressed ware, effect of lubricant on, **14**: 559.
of earthenware, English *vs.* Am., **12**: 121.
effect of zinc oxide on over-glaze and underglaze, **17**: 520.
in enameled brick engobe, **5**: 268.
of enamels for cast iron, **14**: 753.
of enamels with antimony compds. as opacifiers, control of, **17**: 179.
of feldspar, effect of muscovite on, **14**: 91.
of feldspars, **15**: 164.
in feldspar which will affect ware, detection of, **15**: 107.
of fired ware, effect of tannin, etc., on, **6**: 37, 50, 258.
in glass, **19**: 331.
glass, effects of various temps. on, **16**: 547.
glass, standards, **15**: 687.
of glaze for china bodies, effect of zinc oxide on, **17**: 520.
glazes, **2**: 129.
of glazes, produced by iron, effect of magnesia on, **4**: 77.
of glazes, produced by recrystn., **17**: 80.
of gold solns. in glass, **16**: 547.
gray, in porcelain, **16**: 130.
green, from cobalt oxide and antimony sulfate, **16**: 211.
green uranium-cobalt, **16**: 209.
gun-metal copper glaze, **9**: 410, 416.

hydrated silicic acid in clay and, **3**: 36.
iridescent stains on glass, **7**: 159.
iron in the burning of clays, **5**: 377.
iron oxide in aventurine glaze, **8**: 352.
iron, removal from white enamels, **17**: 125.
of Kansas shale, changes in, **18**: 933.
of kaolins and ball clays of different brands, **6**: 207.
kiln for calcining, **16**: 435, 442.
kiln for overglaze, **16**: 436.
majolica, glaze for, from lead silicates, **4**: 204.
manganese as decolorizer in glass, **19**: 370.
of manganese unfritted glazes, **2**: 133.
mat glaze, **11**: 157; **14**: 701.
mat glaze, at high temps., **7**: 115.
mat glaze, development, **5**: 50.
measurement of, of white-ware and white-ware materials, **13**:111.
metallic lusters, **9**: 794.
of mixts. of clay, spar and flint, **5**: 290.
from muddy water used in grading clays, **11**: 366.
by nickel oxide in ceramic mixts. contg. zinc, **14**: 143.
of opal glass, effect of soly. of fluorides on, **14**: 667.
overglaze, **9**: 412; **19**: 653.
overglaze, at cone 6–7, **19**: 653.
oxides used for, effect on crystn. of glazes, **10**: 187.
paint, on porcelain, **7**: 51.
of paper clay, **14**: 572.
phosphoric acid and, **8**: 241.
pink vitrified floor tile, **15**: 140.
polychrome glaze decoration in architecture, **9**: 473.
of porcelain (American and European), **10**: 103, 104.
of porcelain, effect of magnesia on, **6**: 91.
porcelain glazes at cone 10, **16**: 347.
of porcelain, improvement by calcium flux, **10**: 278.
of porcelain, improvement of, **12**: 122.
of porcelain, relation of kiln atm. to, **3**: 216.
of porcelain with Cornwall stone flux, **10**: 100.
preheating of clay and, **14**: 813, 814.
produced by alumina and by boric oxide in artificial silicates, **12**: 701, 707.
produced by iron, **2**: 74, 186.
production in salt-glazed vitrified ware, **18**: 435.
production of ceramic red, **11**: 48.
rational compn. and, **14**: 375.
red glazes at high temps., **1**: 62.
red, of unglazed briquets due to iron, **4**: 219.
requirements for pottery, **12**: 450.
results with Hawthorne kiln, **2**: 33.
of roofing tile, **3**: 157; **16**: 149.
ruby, development in glass, **16**: 284.
of salt-glazed clay wares, effect of fineness of sand on, **4**: 223.
salt-glaze, factors affecting, **5**: 107, 108.
series for mat glazes at cone 2–4, **12**: 533.
of shale brick, **16**: 179.
of silicates, **9**: 458.
of soda-lime glass, **13**: 251.
spitting out and, **9**: 493.
standardization of, **16**: 149.
standards, **9**: 56.
of stoneware clay, **14**: 262.
talc and, **15**: 543.
terra-cotta, **16**: 174.
in titanium mat glazes, **7**: 121.
turquoise-blue, from copper, **8**: 352.
turquoise-blue glazes, influence of alumina and boric oxide on, **12**: 685.
underglaze, **5**: 115.
contg. chromium, effect of zinc in, **15**: 118.
most insol. and nonvolatile, **13**: 723.
printing, **12**: 298.
production by sol. metallic salts, **16**: 487.
production of, **1**: 56.
red and green, influence of alumina and boric oxide on, **12**: 686.
uranium oxide, **9**: 777.
uranium oxide as, in glazes of various compn., **8**: 210.
uranium oxide glaze, **10**: 61.
for vitreous facing tile or tesserae, **7**: 106.
of wall tile, **13**: 89.
of white-ware bodies, classification by, **13**: 94.
of white ware, effect of rate of cooling of the kiln, **2**: 184.
yellow, in glass, **16**: 142.

Colorado clay **8**: 102.

Combustion, air used in, effect on flashing, **2**: 83.
completeness of, in firing kilns, **8**: 399.
control of, in kilns with inclined bar furnaces, **8**: 284.

Compressive strength. See *Crushing strength.*

Concrete, blocks, manuf. and use of, **7**: 453.
crushing strength and elastic properties of, effect of heat on, **7**: 453.
disintegration by alkali waters, **11**: 70.
expansion and contraction, **7**: 453.
fire resistance of, **7**: 453.
reinforced, as applied to pottery construction, **8**: 327.
reinforced, construction in freezing weather, **7**: 453.
tests at St. Louis Exposition, **7**: 453.
tests in tension and compression, **7**: 275.
tile, freezing test *vs.* sodium sulfate test on, **18**: 642, 923.

Condensation, in driers for clay ware, **19**: 570.

Conductivity, electric, of clays and clay suspensions, **15**: 523.
of a porcelain mixt. and a shale upon heating, **17**: 421.

Conductivity, thermal, detn. of, **18**: 192, 878.
of enamel, **18**: 570.
of refractory clays, **6**: 119; **7**: 434, 437.
relative, of silica and clay refractories, **16**: 382.

Cones. See *Seger cones.*

Consistency. (See also *Viscosity.*)
effect on properties of lime mortars, **16**: 151.
of enamel, **19**: 357.
of plaster of Paris, detn. of amt. of water required for correct, **18**: 188.
Contraction. (See also *Shrinkage.*)
coeff. equivalents, **7**: 123.
distinction from shrinkage, **3**: 18.
of glazes and glasses on solidifying as a cause of crazing, **12**: 322.
of kaolin bodies, **13**: 261, 271, 272.
lag in, **13**: 459.
theory of crazing, **14**: 523.
Cooking utensils, soly. test for enameled sheet-steel, **12**: 486.
Cooling, bone china, **12**: 180.
curves for kilns, **1**: 28.
curves of boric acid-silica mixts., **14**: 213.
dunting caused by too rapid, **13**: 419.
of enameled iron, **12**: 323, 326; **14**: 530.
flashed brick, **16**: 185.
kiln, **5**: 346.
rate of, as factor in flashing, **2**: 75, 87.
effect of, **13**: 404.
effect on color of white ware, **2**: 184.
effect on dielec. strength of porcelain, **14**: 577.
effect on toughness of vitrified paving brick, **9**: 618.
of silicates, **9**: 447.
stage of, at which saggar breakage occurs most, **13**: 645.
test for chem. porcelain, **18**: 89.
in tunnel ovens, **17**: 540.
of vitrified pipe, **16**: 461.
Copper, color for glazes, **2**: 132.
glaze, gun-metal, **9**: 410, 416.
glazes, **11**: 53, 59.
mats, **15**: 593.
reds, **4**: 45.
ruby color in glass from, **16**: 284.
stains in white ware, **3**: 63.
turquoise blue from, **3**: 352.
Copper chloride, effect on color and flashing of brick, **17**: 770.
Copper oxides, in crystal glaze, **10**: 190.
formulas and equiv. and mol. wts. of, **2**: 203–4.
greens from, in glazes, **4**: 278.
mixt. with flint, effect of steam pressure on, **15**: 129.
Copper silicate, thermoelec. phenomena in, **17**: 218.
Copper sulfate, formula and equiv. and mol. wts. of, **2**: 203.
Coral, analyses of fresh and weathered, **13**: 380.
Cornwall stone, chemical formula of, **7**: 99.
effect on earthenware body, compared to feldspar, **8**: 153.
feldspar as substitute for, in bone china, **12**: 176.
as flux for porcelain, **10**: 97; **11**: 193, 198.
as flux in vitreous facing mixt., **7**: 97.
formula and equiv. and mol. wts. of, **2**: 203.
as pottery material, **12**: 437.
prepn. of raw, **10**: 102.
in raw lead glazes, compared to feldspar, **7**: 356.
substitution for feldspar, **7**: 63, 67.
variability of, **10**: 101.
Corrosion, of iron and steel, **17**: 727.
Corrosion test, **10**: 487.
Corundum, resistance to temp. change and to acids and alkalies, **7**: 149.
saggers of, **11**: 224.
Costs, arrangement of manufg. and selling, **10**: 380.
of brick (common and paving) production at Carnegie, Pa., **8**: 45.
comparison of, per sagger of biscuit and glost kilns, also of kiln expense, **17**: 205.
distribution in white-ware manuf., **2**: 160; **3**: 193.
of enameled steel cooking utensils, detn. of, **14**: 510.
of firing biscuit and glost kilns, **9**: 789.
of frit prepn. by the frit kiln *vs.* the sagger method, **9**: 195.
of glazes (raw lead), **19**: 659.
keeping in sewer-pipe factory, **7**: 403.
in plant administration, **15**: 89.
of pottery manuf. in the green room stage, **8**: 108.
system for a plant making a large variety of wares, **11**: 202.
of white ware, method of getting, **9**: 785.
Cracking. (See also *Crazing; Dunting; Flaking.*)
biscuit loss in white ware manuf., **8**: 62.
caused by colloids and sol. salts, **17**: 619.
caused by cooling and refiring of brick, **15**: 517.
caused by fine-grained flint, **13**: 333.
cause of, detecting in pug mill, **11**: 350.
of chem. porcelain, effect of compn. on, **13**: 595.
of china cups and mugs, **15**: 392.
of Cretaceous clays of Canada, **14**: 152.
detn. of amt. of, and stage of drying at which it occurs, **17**: 697.
in drying, **7**: 368; **11**: 354, 392; **19**: 428, 565.
correction of, **13**: 769.
effect of aging clay mixts. on, **4**: 183.
effect of tannin, etc., on, **6**: 37, 50, 231.
of firebrick shapes, **18**: 85.
reduction by electrolytes, **16**: 543.
effect of lime on certain, clays, **17**: 497.
of enamel brick, **12**: 718, 763, 764; **13**: 731, 738, 744.
of enamel brick, effect of compn. on, **11**: 749, 755.
of fire-clay body, **18**: 524, 915.
fire, of sewer pipe, **18**: 432.
humidity system of drying, **11**: 375.
of paving block, **16**: 406.
preheating and, **12**: 513.
prevention, **9**: 88.
prevention by preheating clay, **13**: 781.
reduction by admixture of quartz, **12**: 562.

of sanitary ware, **15**: 474.
of Seger cones, **3**: 189.
in terra cotta glaze, **9**: 598.

Crawling, of Bristol glazes, **4**: 74.
of enamel after use of catechu, **6**: 50.
glaze compn. and, **14**: 108.
of mat glazes, **19**: 597.
produced by bone ash, **10**: 225.
in stoneware glazes, cause of, **5**: 138.
in terra cotta glazes, **9**: 596; **11**: 615.

Crazing. (See also *Cracking*.) **2**: 135; **7**: 123; **9**: 483; **11**: 407; **12**: 135.
of bodies high in silica by over-fire, **7**: 56, 69.
body influence on, **13**: 612.
body, in sewer pipe, **7**: 263.
boric acid action in, **11**: 262, 277.
cause and prevention of, **14**: 737.
caused by coarse-grained flint, **13**: 333.
cause of, **13**: 180, 186, 399, 415.
clay and, **13**: 582.
contraction of glazes and glasses on solidifying as a cause of, **12**: 322.
delayed, **11**: 88.
devitrification and, **12**: 138.
effect of decreasing fusibility on, **15**: 627.
effect of form of combination of lead on, **17**: 479.
elasticity and, **13**: 460
in elec. porcelain, **9**: 601.
of enamel brick, **12**: 731, 738, 744.
of enamel brick, effect of compn. on, **12**: 749, 755, 761.
of enamels, **13**: 521, 525.
in enamels on cast iron, cause and control of, **14**: 516.
feldspar and, **13**: 582.
fineness of flint in relation to, **3**: 17.
of fritted glazes, **9**: 176.
fritting and, **4**: 79.
glaze compn. and, **14**: 109.
of glazes for sanitary ware, **18**: 829.
heat range and, **15**: 701.
of lead glazes, effect of certain metallic oxides on, **13**: 142.
of over-fired ware, cause of, **5**: 345.
of porcelain and feldspathic earthenware, **13**: 259.
of porcelain glazes, **14**: 63, 69.
prevention of, **1**: 84; **13**: 413.
by alumina, **12**: 709.
in Bristol glazes, **18**: 430.
Seger's rules for, **13**: 157.
by silica, cause of, **13**: 124.
by variations in body compn., **7**: 79, 89.
by zinc oxide, **10**: 241; **17**: 520.
rational analysis and, **15**: 177.
rational analysis of clays as a means of controlling glaze fit, **14**: 359.
rational compn. of clays and, **13**: 170, 193, 203, 207.
of salt glazes, **4**: 220.
of sanitary ware, **15**: 474.
Seger's laws of, **13**: 448, 458.
of sewer pipe, **18**: 433.
silica and, **5**: 342.
of stoneware enamel, **11**: 605.
of stoneware glazes, **13**: 565.
of terra-cotta glazes, **14**: 848.
of terra-cotta glazes, effect of silica and alumina on, **18**: 311.
test for wall tiles, **18**: 622.
testing, of white ware, **15**: 368.
testing ware for, **9**: 59.
theory of, **13**: 172.
of Trenton ware, **2**: 147.

Cremer cones. See *Seger cones*.

Cristobalite, formation of, in firing of silica brick, **18**: 522.
inversion of, **19**: 84.
in Seger cones, **15**: 485.

Crucibles, alumina, **14**: 481; **15**: 175.
for brass melting, bond clays for, **19**: 606.
clay for, properties of, **17**: 650.
compn. for, withstanding high temp., **7**: 449.
drilling, **16**: 447.
fire-proof porcelain, **9**: 637.
graphite (artificial), **6**: 31.
graphite, clay for, **19**: 601.
graphite for, **14**: 481.
heat cond. of, importance of, **6**: 119.
for high-temp. furnace, **8**: 305.
lime, **14**: 482.
magnesia, shrinkage of, **6**: 90, 91.
manuf. of, **12**: 54.
prolonging life of, **16**: 447.
spinel, **19**: 408.
for steel melting, bond clays for, **19**: 607.
tests of assay, and types of clays suited to their manuf., **10**: 484.

Crucible support, **16**: 445.

Crumbling, of brick contg. lime, prevention by water, **14**: 224.

Crushing strength, of bricks from western Canada, **14**: 82.
of clays in the dried state, **16**: 273.
comparison with absorption, and resistance to artificial freezing of some Ohio building bricks, **18**: 686.
effect of non-plastic materials on, of a No. 3 fire-clay body, **18**: 524, 915.
effect of varying loads applied to clay in the plastic condition, **16**: 194.
of fire brick, **12**: 345.
of hollow blocks, **18**: 472.
of mortar, **16**: 151, 161.
of Oregon building brick, **17**: 660.
of porcelain base, **17**: 431.
porosity and, **12**: 564; **14**: 292.
resistance of brick to frost and, **9**: 576.
of sand-lime bricks, **12**: 83.
of terra cotta, **10**: 135; **11**: 75.
of terra cotta, relation to absorption, **12**: 90.
test, as measure of plasticity, **17**: 612.

Cryolite, analysis of, **12**: 168.
brittleness prevention by, in enamel, **14**: 542.
as clarifier for glass, **11**: 313.

in enamels for steel, substitution for feldspar, **11**: 141.
eutectic with fluorspar as flux for slag paving brick, **18**: 494.
formula and equiv. and mol. wts. of, **2**: 203.
Crystalline structure, of silicates, **9**: 424.
Crystalline tension, crazing and, **12**: 138.
Crystallization, adhesion of glaze and, **18**: 164.
in ceramics, **4**: 39.
in clay, **10**: 299.
of cobalt glaze, effect on color, **14**: 773, 774.
disintegration by, **11**: 65.
of glass, **14**: 656, 659.
of glaze, correlation with other properties, **13**: 612.
in glazes, **6**: 190.
of mat glaze, **5**: 60; **14**: 703.
matness and, **14**: 673, 679, 686, 689, 704; **15**: 418, 591.
of silicates, speed and sequence of, **9**: 448.
in slags, effect of basicity on, **15**: 569.
in ware by use of water high in salts, **11**: 367.
Crystals, in cement, **9**: 407.
glaze, **4**: 38, 144; **6**: 186; **7**: 43, 50; **9**: 319; **10**: 61, 183; **14**: 701.
color due to, **17**: 80.
at cone 3, **16**: 342.
effect of alumina on, **10**: 451.
petrographic examn. of, **17**: 645.
rutile, **11**: 58.
from zinc oxide, **8**: 336.
growth in clinker, influence of time on, **17**: 69.
kaolinite, **3**: 220.
measurement and identification of, **15**: 52.
in porcelains, **11**: 185.
significance in ceramics, **4**: 39.
from silicate fusion used in production of ceramic cryst. glazes, **19**: 674.
of silicate mixts., selective action of, **4**: 210.
zinc, **9**: 782.
zinc silicate, **8**: 336.
Crystolon, expansion curve of, **14**: 476, 477.
Cullet, for bottle-glass manuf., **15**: 725.
in window glass mixts., **17**: 229, 232.
"Curtaining," **11**: 369.

Dakota clay, **17**: 700.
Damourite, for granite-imitation glaze, **14**: 246.
Dampers, regulation of degree of reduction and rate of cooling by, **2**: 84.
Death Valley, California, **5**: 64.
Decalcomania, industry in America, **7**: 275.
requirements for pottery, **12**: 450.
Decolorizers, for glass, **11**: 313.
manganese as, for soda-lime glass, **13**: 251.
Decoration, ceramic, development of processes of, **19**: 449.
glazed clay-ware as an architectural, in exterior *vs.* interior work, **3**: 153.
Deflocculants, detn. of amt. required for casting body, **17**: 652.
in washing of clays and the effect of the process on the color, **17**: 81.
Deflocculation, **11**: 532, 577; **12**: 560, 789; **17**: 624.
by acids and alkalies, **14**: 835.
by alk. salts, **12**: 782.
of clay by tannin, etc., **6**: 43, 47.
electrolyte concn. and, **17**: 369.
of fire clay due to short exposure, **14**: 399, 401, 404.
hydroxyl-ion concn. and, **17**: 330.
nature of ion and, **11**: 594.
relation of max., in high-water slips to viscosity in high-clay slips, **19**: 461.
by sodium carbonate and sodium silicate, **12**: 800.
solutions causing, **11**: 579.
Deformation. (See also *Warping.*)
of BaO–Al_2O_3–SiO_2 mixts., **19**: 457.
behavior of fire bricks under load at 1300° C., **12**: 337.
of bone china, **12**: 180.
of chem. porcelain, temp. of, **18**: 89.
of clay-feldspar mixts., **13**: 481, 485.
of clay from standpoint of mechanics, **16**: 393.
due to films of water about particles of clay, **12**: 560.
eutectics, **17**: 672.
eutectics, melting point and, **13**: 668.
factor of safety, **9**: 314.
factors affecting, of refractories, **19**: 534.
of feldspar-quartz mixts., **15**: 144.
of fire brick under load conditions, **13**: 210.
of glasses, **13**: 674.
of kaolin-feldspar mixts., **15**: 217.
of MgO–Al_2O_3–SiO_2 mixts., **19**: 453.
melting point and, **15**: 167.
phys. chemistry of Seger cones, **15**: 482.
of plastic bodies under compression as a measure of plasticity, **17**: 612.
of porcelain bodies in firing, prevention of, **17**: 136.
of potash feldspar-steatite mixts., **18**: 488, 909.
relation between the fusion point and the compn. of refractory clays, **19**: 303.
of roofing-tile clays, **12**: 818.
of silicates in reference to feldspar, whiting, kaolin and quartz, **17**: 672.
by sulfur, **11**: 93.
of systems: orthoclase–calcite, orthoclase–magnesite, albite–calcite, albite–magnesite, **18**: 575.
vitrification degree and, **17**: 121.
of ware, cause of, **12**: 453.
Deformation point. (See also *Softening point.*)
of clay, effect of TiO_2 on, **12**: 533.
of feldspar, effect of quartz content on, **15**: 101, 452.
of feldspar-quartz, feldspar-mica and feldspar-beryl mixts., **14**: 87.
melting point and, **18**: 576, 578.
of porcelain glazes, **16**: 454.
Dehumidifier, **19**: 554.
Dehydration. (See also *Drying.*)
detection of, by Veritas firing rings, **16**: 230.
Dehydration point, relative, of pure and calcareous clay, **4**: 146.

Delaware clay, 6: 38; 14: 331; 17: 364; 18: 619.
Density. See *Specific gravity.*
Dental cements, 17: 194.
Dental porcelain. See *Porcelain.*
Devitrification, 10: 121, 173.
alumina content and, 14: 65, 70.
decrease by alumina, 13: 129.
of fritted glazes, 9: 178.
of glass (barium), 18: 326.
of glasses under thermal after-treatment, 15: 600.
in glass furnace, 14: 655, 656, 658, 659.
increase by silica, 13: 129.
Dextrin, effect of varying amts. of, on plaster, 17: 326.
effect on glaze, 11: 373.
Diabase, analyses of fresh and weathered, 13: 380.
Diaspore, in clay, 14: 335.
Dichroism, 17: 288.
Dielectric strength, of porcelain, 9: 601, 604, 608; 14: 575.
of porcelain, effect of temp. on, 13: 469; 14: 280.
of porcelain, relation to softening temp., 14: 278.
of porcelain, testing, 14: 267.
of porcelain, vitrification range and, 12: 628; 13: 704.
Dies, flow of clay through hollow-ware, 19: 479.
flow of plastic clay through, 11: 411.
linings, 14: 554.
oils, fats and greases for, in the manuf. of dust-pressed ware, 14: 558.
for promenade-tile manuf., 19: 365.
sewer-pipe, 19: 482.
steel, in the manuf. of dust-pressed wares, 13: 597.
Diffusion, of silicates between one another, thermoelec. phenomena due to, 17: 221.
viscosity and, 13: 679.
Dillsboro kaolin, 12: 529.
Dinas, 14: 483.
Diopside, specific heat of, 14: 397.
Diorite, analyses of fresh and weathered, 13: 381.
Dipping, enameled brick, 12: 714, 718.
limits of plastic and non-plastic slips for, 12: 725.
Discoloration. (See also *Spots.*)
of buff brick from stored clay, 19: 124.
by copper, in white ware, 8: 63.
of kaolin by sulfuric acid, 19: 130.
by lubricants in dust-pressed ware manuf., 14: 559.
pink, of a white enamel for terra cotta, 14: 640; 17: 396.
by sulfur, 11: 93.
Dissociation, of silicates, 9: 448.
Dissociation points, detn. of several, 18: 214, 883.
Dobies, 18: 167.
Dolerite, analyses of fresh and weathered, 13: 381.
Dolomite, analyses of fresh and weathered, 13: 381.
analyses of Ohio, 3: 139.
burning temp. of, 13: 618.
in cement manuf., 5: 101.
as flux for enameled-brick glaze, 5: 264.
in flux for slag paving brick, 18: 494.
in glass, increase of stability by, 15: 605.
in glass manuf., 17: 239.
as glaze flux, 3: 126.
in magnesite of Grenville District, Quebec, 19: 256.
melting range of mixts. with clay, 15: 547.
in porcelain manuf., 5: 131.
as refractory material, 14: 482.
-shale slags, constitution of, 15: 562.
substitution for whiting in ceramic body and glazes, 12: 534.
Dover flint clay, 10: 514.
Draft, for brick burning, production of, 5: 32.
forced, in firing, 12: 113.
kiln flue regulation, 13: 706.
measuring, 18: 241.
Draft gages, 1: 88.
inadequacy of static-pressure, 18: 223, 885.
readings, 10: 419.
Drainage, of kiln bottoms, 2: 22.
Driers, brick, 5: 24.
brick, improvement in, 6: 227.
cars for, coatings for, 17: 727.
double-deck brick, 12: 392.
Fiske brick, 5: 27; 9: 800.
furnace for tunnel, 14: 637.
humidity control in, 19: 551.
lab., 16: 409.
operation of the Denny-Renton double-deck tunnel, 14: 615.
for paving brick, 4: 192.
rotary, 11: 363.
for sodium sulfate test of weathering, 18: 714.
Drilling, shale banks, 17: 294.
Drying, 15: 394.
behavior of clays, app. for studying, 18: 564.
behavior of clays, effect of salts on, 17: 697.
behavior of pottery bodies as affected by sodium silicate, 13: 643.
behavior of some Montana clays, 14: 602.
brick, 9: 807.
brick, from an engineering standpoint, 12: 392.
of clays, 9: 213; 10: 146; 11: 354, 392; 14: 709.
of clays, lab. oven for study of, 16: 409.
of clays, relative point of, of pure and calcareous, 4: 146.
clay wares, humidity in, 19: 538.
cracking in, 17: 497; 19: 428.
cracking in, prevention by preheating, 13: 781.
cracks and warpage in firebrick shapes, 18: 85.
of Cretaceous clays of Canada, 14: 152.
in detn. of tensile strength of clay mixts., 2: 112.
dunting and, 13: 428.
effect of preliminary heat treatment on, 11: 392.
effect on mottling of enameled metals, 13: 491.
effect on tensile strength of clay, 3: 202.
of fuel before briqueting, 12: 75.
humidity system of, 11: 375.

kaolin, **14**: 462.
need for discussion of, **9**: 48.
properties of clay, detn. of, **17**: 640.
properties of clay, testing, **9**: 769.
properties of fire-clay bodies contg. grog of diff. sizes, **19**: 277.
qualities, effect of grog on, **7**: 137.
refractories, **14**: 251.
scum prevention in, **17**: 200.
scum, removal of, **18**: 271.
sewer pipe, effect of non-plastic material in, **18**: 524.
shrinkage, detn. of, **17**: 93.
effect of acids and alkalies on, **14**: 828.
effect of deflocculation on, **17**: 86.
effect of electrolytes on, **16**: 516, 519, 520, 543.
of fire clay, **17**: 411.
of fire clay, effect of water content on, **17**: 440.
of Kansas shales, **18**: 842.
of roofing-tile clays, **12**: 827.
of slips, effect of electrolytes on, **16**: 516, 538.
of some American bond clays, **19**: 601.
strength changes noted in lab., **15**: 270.
technology of, **6**: 269.
temp. of, effect on strength of clay bars, **15**: 345.
of terra cotta, **13**: 746.
of Tertiary clays, **13**: 765.
tests on clay, **12**: 513.
warping of clay ware in, **3**: 35.
waste-heat, system, amt. of heat utilized from a down-draft kiln by, **11**: 153.
Dunite, analyses of fresh and weathered, **13**: 381.
Dunting, **8**: 79; **11**: 349; **12**: 295, 301.
biscuit loss by, **8**: 65.
cause of, **13**: 415, 418.
prevention of, **13**: 405.
prevention of, in tunnel kilns, **17**: 542.
Durability, of glaze, correlation with other properties, **13**: 612.
Dust, removal in factories, **15**: 343.
rock, effect of various substances on binding power of, **6**: 75.
Dust-pressed ware, **15**: 732.
effect of pressure applied to, **17**: 458.
glazing a, *vs.* a plastic body, **2**: 158.
manuf. of, **12**: 196.
oils, fats and greases for die greasing in the manuf. of, **14**: 558.
range in compn. of, **13**: 93.
steel dies in manuf. of, **13**: 597.
tile, effect of variation in pressure and moisture upon the forming of, **19**: 409.
tile, effect of variation of pressure in the forming of, **19**: 94.
Dyes, adsorption by colloids of clay, **11**: 530, 546
Dynamo, for testing porcelain, **14**: 268.

Earthenware. (See also *Sanitary ware.*)
aging, body, **8**: 208.
comparison between Am. and English, bodies, **12**: 114.
definition of, **12**: 307.
English, **7**: 52.
flint content of, **13**: 177.
glaze, comparison of English and Am. practice, **16**: 307.
glost losses in the, industry and their correction, **12**: 294.
grinding of materials used in, bodies, **4**: 25.
lime additions to, body, **8**: 147.
porcelain and feldspathic, **13**: 259.
underglaze printed, **1**: 56.
vitreous, **12**: 307.
Education, ceramic, **7**: 291; **14**: 58; **19**: 76.
ceramic, development of colleges for, **7**: 34.
in Illinois, **8**: 312.
at Mayer China Co., **15**: 62.
at Ohio State Univ., **6**: 117.
in Philippines, **14**: 726.
problems in, **12**: 207.
at Trenton, **2**: 149.
ceramic engineer in the brick-making industry, **5**: 237.
ceramics department in the Ore. School of Mines, **16**: 244.
clay-working and ceramics department at Rutgers College, **5**: 122.
German technical, in pottery, **7**: 274.
industrial coöperation in ceramics at Iowa State College, **16**: 580.
New York State School of Clay Working and Ceramics, **16**: 371.
technical training schools in connection with industrial plants, **14**: 592.
vocational school for clay workers, **15**: 279.
Efflorescence. (See also *Scum.*) **13**: 698.
on brick, **1**: 105; **7**: 278; **8**: 369.
cause and prevention of, **7**: 281.
in dry-pressed brick, **7**: 237, 248.
effect on salt-glazed clay ware, **4**: 223.
preheating and, **12**: 513.
prevention by barium salts, **17**: 245, 247.
prevention of, **7**: 280; **17**: 204.
Elasticity, coeff. of enamels, **16**: 453.
crazing and, **13**: 460.
effect on crazing and shivering, **11**: 88.
of enameled sheet steel, testing, **11**: 330.
of enamel, variation of, **14**: 521, 529.
of glaze, correlation with other properties, **13**: 612.
modulus of, relation to porosity of burned clay, **17**: 464.
Electrical conductivity. See *Conductivity, electric.*
Electrical industry, ceramic materials in, **18**: 133.
Electric furnace. See *Furnaces.*
Electric insulators. See *Insulators, electrical.*
Electric porcelain. See *Porcelain.*
Electric power. See *Power.*
Electric resistance, of porcelain, detn. of, **4**: 94.

of porcelain, effect of compn. on, **4**: 125.
Electric resistors, silicates for, **18**: 137.
Electrolytes. (See also *Acids; Alkalies; Salts.*)
as deflocculating agents, **17**: 80.
effect on clays, **15**: 184; **16**: 515; **19**: 467.
equil. in, **19**: 462.
in refining of kaolins, **18**: 773.
silicates as, **17**: 427.
Electrolytic diaphragms, corundum-kaolin, **7**: 149.
Elevator, for wet clay, **19**: 484.
Elutriation. (See also *Washing.*) **11**: 468.
app. for, **6**: 177, 185.
app. for, Schoene's, **4**: 28, 32.
of clays, effect of salts and alkalies on, **17**: 367.
for detn. of grain size, **8**: 244.
substitution of sedimentation for, **12**: 798.
of X wad clay, **12**: 781.
Empirical formula, calcn. of ceramic mixts. from, **13**: 123, 125, 138.
Empirical physical factors, calcn. of ceramic mixts. from, **13**: 132.
Emulsions, glasses in state of, **13**: 679.
Enameled ware, cost of, detn. of, **14**: 510.
manuf. of, **8**: 172.
testing, **11**: 320.
Enameling, brick, muffled kilns for, **9**: 675.
metal, **13**: 514.
Enamels, for amianthus sterilizing tubes, **7**: 149.
analysis of, and of raw materials for, **12**: 144.
barium compds. in manuf. of, **17**: 247.
brick, class of glazes suitable for, **4**: 77.
crushing strength of, **10**: 138.
for direct application to plastic body, **17**: 695.
manuf. of, **5**: 256.
manuf. of, and slips for, **12**: 711.
calcn. of, mixts., **13**: 122.
for cast iron, compn. of, **12**: 543.
for cast iron, replacement of tin oxide by antimony oxide in, **14**: 740.
for cast-iron sanitary wares, **9**: 646.
cobalt oxide in ground-coat, for sheet steel, **14**: 756.
color removal from, due to iron, **17**: 125.
confusion of term with "glaze," **6**: 110.
crawling of, after use of catechu, **6**: 50.
crazing of, on cast iron, cause and control of, **14**: 516.
crazing of, on iron, **12**: 323.
elec. cond. of, detn. of, **11**: 338.
in elec. industry, **18**: 137.
expansion coeff. of, **16**: 451.
exptl., making, **16**: 445.
fitting, to plastic clay bodies, **18**: 139, 875.
floating, Am. clays for, **19**: 339.
fluorine in cast-iron, **14**: 754.
fritted, glazes at cone 1–3, **13**: 324.
furnace, burner for, **19**: 375.
fusibility in, control of, **13**: 502.
ground coats for cast iron, **13**: 531.
ground coats for, effect of variation in compn. of, **18**: 343, 896.
heat transmission of, **18**: 570.
high-feldspar *vs.* high-flint, **19**: 652.
high-lime, **19**: 652.
iron, nature of, **19**: 156
kiln for, **16**: 436, 443.
lead compounds for, **4**: 131.
leadless, **15**: 620.
majolica defined as pottery in which the body of colored clay is concealed by an, **6**: 111.
microscopy of, surfaces, **19**: 146.
mottling of, on metal, **13**: 489.
opacifiers, antimony compds, as, **17**: 173.
opacifiers for, fluorides as, **16**: 577.
opacifying, apatite in, **19**: 125.
pink discoloration of a white, for terra cotta, **14**: 640.
for sheet steel, allowable limit of variation in the ingredients of, **11**: 103.
for sheet steel, comparison of ten, **14**: 489.
soly. in acetic acid, **13**: 494.
soly. in acids, **17**: 137; **18**: 762, 927.
steel, testing, **12**: 463.
for stoneware, **11**: 605.
stoneware, cheap, **10**: 216.
tempering material for, **16**: 544.
tin, **4**: 139.
Engineer, in ceramic industry, **16**: 63.
ceramic, in the brick-making industry, **5**: 237.
Engineering, silicate *vs.* ceramic, **15**: 371.
English clays, **6**: 208; **7**: 60, 72, 395, 400; **9**: 638; **10**: 142; **11**: 396. 494, 601; **12**: 114, 198, 389, 529, 628, 722, 723; **13**: 238, 239, 240, 408, 691, 731; **14**: 409; **17**: 354, 357, 364, 366; **18**: 104, 385, 619; **19**: 340, 607, 612.
Engobes. See *Slips.*
Epidote, soly. of, **13**: 346.
Equilibrium, in cement clinker, **17**: 69.
in Geophys. Lab. work, **15**: 50.
in silicates, **9**: 448.
Equivalent weights, calcn. of, **2**: 235.
of substances used in the ceramic industries, **2**: 200.
use in ceramic compn., **1**: 7.
Estrich plaster, **17**: 549.
Eutectics, **15**: 49.
Bristol glazes compounded on basis of, **18**: 631, 922; **19**: 301.
calcn. of ceram. mixts. from, **13**: 131.
of clay, detn. of softening point of, **17**: 427.
deformation, **17**: 672.
deformation, of glazes, **16**: 457.
deformation, of kaolin-feldspar mixts., **15**: 226.
between feldspar and flint, **13**: 481.
of feldspar and quartz, absence of, **14**: 89, 93.
fluxes as, **13**: 85; **18**: 615.
melting point and deformation, **13**: 668.
melting point, effect on deformation of Seger cones, **18**: 580.
phys. chemistry of Seger cones, **15**: 482.
solution and, **13**: 481, 485, 486.
Evaporation, shrinkage and, **10**: 147.
Exhibitions, ceramic, at St. Louis World's Fair, **7**: 39, 47, 289.
Expansion. (See also *Volume.*)

coeff. equivalents, **7**: 123.
coeff. of, app. for detn. of, **13**: 408, 436; **14**: 470.
of enamels, **16**: 451.
of enamels, changing, **16**: 450.
of enamels, detn. of, **14**: 527.
of glass (barium), **18**: 321.
of porcelain body mixts., **15**: 499.
of porcelain from European materials, **13**: 406.
of silica, **5**: 340.
of silicates, **9**: 429.
of white-ware mixts., influence of clay, feldspar and flint on, **13**: 431.
coeff. of lineal, of porcelain, **11**: 84.
in firebrick, cause of permanent, **13**: 602.
of furnace refractories, **14**: 822.
of glaze, correlation with other properties, **13**: 612.
of lime on wetting, **14**: 225.
of materials for inverted mantel rings, **14**: 416.
of plaster, **10**: 88.
porosity and, **15**: 500.
of pottery bodies, **3**: 18.
in shivering and crazing, **2**: 138.
of silica brick mixts., **18**: 519.
of silica bricks on heating, **19**: 83.
in study of silicates, **5**: 236.
during water smoking of clays, **9**: 213.
Explosive, for blasting shale banks, **17**: 302.

Faience, **9**: 797.
majolica *vs.*, **6**: 109.
Fan, for brick dryers, **12**: 394, 409.
Fats, for die greasing in the manuf. of dust-pressed ware, **14**: 558.
Feldspar. (See also *Anorthite; Anorthoclase; Celsian; Hyalophane; Labradorite; Microcline; Oligoclase; Plagioclase.*)
15: 145, 382, 489.
action in porcelain, **11**: 197.
adsorption by, **7**: 279.
analyses of fresh and weathered, **13**: 381.
in bone china, as substitute for Cornwall stone, **12**: 176.
Canadian, **13**: 158.
as cement basis, **4**: 274.
of Colorado, **8**: 101.
compn. of orthoclase, **4**: 256.
cooling of fired, trials, effect of, **2**: 185.
Cornwall stone substituted for, **7**: 63, 67.
crazing caused by orthoclase, **14**: 109.
crazing prevention by, in enamel, **14**: 519.
decompn. in cement manuf., **5**: 94.
deformation behavior of silicates in reference to, **17**: 672.
deformation points of mixts. with quartz, mica and beryl, **14**: 87.
deformation study of mixts. with kaolin, **15**: 217.
deformation study of some feldspar and quartz mixts., **15**: 144.
for dental porcelain, **17**: 198.
effect of amt. of, on vitrification of porcelain bodies, **15**: 337.
effect of content of, on dunting, **13**: 417.
effect of content of, on glaze, **12**: 540.
effect of content of, on resistance of porcelain to temp. changes, **13**: 596.
effect of content of, on strength of porcelain, **13**: 395.
effect of variation in, on glaze defects, **13**: 162.
effect on changes in porosity of some clays and clay mixts., **10**: 308, 337.
on color of soda-lime glass, **13**: 256.
on different clays, **11**: 198.
on earthenware body, compared to Cornwall stone, **8**: 153.
on expansion coeff. of porcelain, **13**: 414.
on expansion coeff. of porcelain body mixts., **15**: 500.
on expansion coeff. of white-ware mixts., **13**: 431.
on fusibility of glazes, **5**: 142.
on glazes, **13**: 560, 582.
on kaolin in firing, **13**: 731.
on melting point of body, **7**: 276.
on opacity of glazes, **13**: 576.
on viscosity of porcelain bodies, **17**: 136.
on vitrification of bodies, **7**: 148.
on warpage of roofing-tile clays, **12**: 819.
effect on glaze of increase of, at expense of calcium carbonate, **5**: 147.
for enamel on cast iron, **13**: 549.
in enamels for steel, substitution by cryolite, **11**: 141.
examn. of com., **15**: 381.
expansion coeff. of, **7**: 125.
fine grinding of, **8**: 252.
fineness of, detn. of, **18**: 499.
fineness of, effect on properties of porcelain and china, **14**: 382.
fineness of grinding for pottery bodies, **4**: 25.
fineness of, on market, **10**: 140.
fineness of, standard for, **8**: 244.
firing at various temps. in binary and ternary systems with quartz and kaolin, changes involved in, **18**: 382, 388, 392, 396.
fluorspar as substitute for, **2**: 194.
as flux for porcelain, compared to Cornwall stone, **10**: 97.
fluxing action, **10**: 305.
fluxing properties of, gaging, **5**: 167.
formulas and mol. and equiv. wts. of soda, potash and lime-soda, **2**: 204.
as frit foundation, **10**: 114.
fusion curve of mixts. with ferric oxide and whiting, **10**: 260.
fusion curve of mixt. with lime, **10**: 262.
fusions, **13**: 75.
in Georgia, **17**: 372.
in glass manuf., **12**: 336.
graphic granites as a source of, **15**: 451.
grinding, **5**: 281; **6**: 173.
grinding, lining for cylinder for, **10**: 133.
hardening effect on fritted glazes, **19**: 652.
hydrochloric acid action on, **13**: 68.
hydrolysis of, **13**: 54.
kaolin formation from, **2**: 93; **3**: 30, 41; **6**: 75; **8**: 182; **13**: 51; **14**: 440; **15**: 59.

melting point of, **9**: 432.
mixed potash-soda, in porcelains, **16**: 212.
melting points and thermal relations of, **18**: 383.
Norwegian, **13**: 406.
porcelains, comparison of potash and soda, **11**: 179, 198.
potash salts from, **13**: 683.
prepn. for ceramic industry, **16**: 131.
purity of, kiln test for, **14**: 89.
-quartz cones, absence of quartz in deformed, **15**: 522.
in raw lead glazes, compared to Cornwall stone, **7**: 356.
as raw material for clay bodies, **8**: 180.
reaction with lime, effect of grain size on, **3**: 59.
refractoriness produced by, compared to flint, **13**: 510.
requirements as pottery material, **12**: 435.
in sand for sand brick, **5**: 177.
sepn. from other common minerals of clays, **11**: 468.
soda, **15**: 146, 381.
increase of dielec. strength of porcelain by, **14**: 583, 585, 588.
melting point of, **9**: 432.
systems: albite–calcite and albite–magnesite, **18**: 575.
softening points of potash, steatite mixts., **18**: 488, 909.
solubilities of, **13**: 339, 346.
soly. of clay and of flint in, **13**: 479.
as solvent for clay, **12**: 670.
specific gravity of, effect of heating on, **7**: 148.
specific heat of, **14**: 397.
supply of the U. S., **16**: 80.
systems: feldspar–calcite and feldspar–magnesite, **18**: 575.
systems: orthoclase–calcite and orthoclase–magnesite, **18**: 575.
systems: willemite–wollastonite–feldspar and willemite–anorthite–feldspar, **18**: 426.
testing, **15**: 101.
testing, for a white-ware pottery, **9**: 58.
wet-grinding, effect from potter's standpoint, **5**: 292.
in white ware, **13**: 184.
Felite, **5**: 75; **17**: 68.
Fermentation, in clay, **6**: 53.
Ferric oxide. See *Iron oxides*.
"**Feurite**," **17**: 266.
Filter presses, **16**: 242.
water from clay, re-use of, **11**: 365.
Filters, clay for, in Missouri, **9**: 92.
Filtration, of fire clays, **14**: 399.
of very fine particles, **8**: 250.
Fineness. See *Grain size; Grinding*.
Fire, tests on sand-lime brick, **12**: 83.
Fire box, inclined, control of combustion and atm. conditions in kilns with, **8**: 284.
of up-draft kiln, **13**: 385.
Fire clay. See *Clays*.
Fireproofing, kiln bottoms for, **14**: 142.
sulfur elimination in manuf. of, **11**: 93.
Firing. (See also *Calcination; Flashing; Kilns.*) **8**: 79; **17**: 493.
Bedford shale, **5**: 295.
behavior of American bond clays, **19**: 603.
behavior of some porcelain bodies, importance in manuf., **19**: 636.
blistering and, **13**: 168, 179.
calcareous and pure clays, **4**: 146.
changes in pore space during, **9**: 533.
coal for, relation of fusing point of ash to availability of, **19**: 488.
in continuous kilns, relation between the flues and draft and the setting, **3**: 212.
continuous kiln with producer gas, **15**: 444.
control of, in kilns with inclined bar furnaces, **8**: 284.
cost in white-ware manuf., **2**: 161.
cost of, of biscuit and glost kilns, **9**: 789.
cracking in, after preheating, **12**: 513.
crawling of mat glazes caused by, **19**: 598.
in decorating kilns, **9**: 408.
deformation of porcelain bodies in, prevention of, **17**: 136.
degree of, detn. in silica brick, **19**: 88, 92.
earthenware, temp. of English and American, **12**: 114.
economy and efficiency in, **17**: 527.
effect of feldspar on kaolin in, **13**: 731.
effect on color of white ware, **2**: 187.
effect on, of agents preventing settling of clay slip in casting, **13**: 641.
effect on, of fine grinding of materials, **4**: 26.
effect on surface pimpling of salt-glazed sewer pipe, **9**: 726.
enameled brick, **5**: 272.
enameled steel, **11**: 103, 109, 121.
firebrick shapes, **18**: 86.
floor tile, **14**: 556.
fritted lead glaze, **4**: 203.
fuel compn. and its value for, **9**: 713.
fuel used in, stating amt. of, **9**: 45.
function of time in the vitrification of clays, **15**: 193.
fundamental points of, **1**: 94.
glaze adjustment for firing glost ware in center of kiln and biscuit in outer rings, **9**: 488.
glaze defects and, **13**: 174.
grog and, **7**: 137.
heat distribution in four industrial kilns, **10**: 412.
iron in, of clays, **5**: 377.
of kilns, cause of variation in, and a remedy, **2**: 22.
kilns in Europe, **15**: 680.
lime, **8**: 269.
Marquardt porcelain tubes, **19**: 403.
oil as fuel in, **10**: 175; **14**: 801.
oil, in pottery, **15**: 661.
over-, crazing of bodies high in silica by, **7**: 56, 69.
over-, effect on structure of clays, **15**: 71.
over-, of lime, silica and shale mixts., **16**: 203, 206.

detn. in fluorspar, **12**: 170.
in enamels, **14**: 544.
in enamels for cast iron, **14**: 754.
Fluorspar, analysis of, **12**: 169.
calcination of, **7**: 149.
effect on color of soda-lime glass, **13**: 256.
effect on earthenware body, **8**: 153.
in enamels for steel, interchangeability with calcium carbonate, **11**: 141.
eutectic with cryolite as flux for slag paving brick, **18**: 494.
as flux, **2**: 194; **13**: 509.
as flux in porcelain manuf., **10**: 265, 288.
formula and mol. and equiv. wts. of, **2**: 201.
Fluxes, amounts of, having equal effect on fusibility of fritted glazes, **19**: 652.
bone ash as, **7**: 207.
boric oxide as, **12**: 322.
Bristol-glaze, **19**: 453, 457.
clay as, in cone mixts., **8**: 168.
color trials with, **5**: 115.
comparative effects of the oxides of Ca, Mg, Sr, Ba and Zn on some china bodies, **11**: 494.
control of fusibility in enamels, **13**: 502.
Cornwall stone as, **7**: 366.
decorating with, **9**: 410.
effect of basic, on fusion point of refractory clays, **19**: 303.
effect of content of, on influence of time factor in vitrification of clays, **15**: 215.
effect of content of, on refractoriness of fire-clay, **7**: 277.
effect on change in porosity and sp. gr. of some clays, **10**: 293.
on color, **11**: 48.
on coloring propensities of ferric oxide, **16**: 139.
on flashing, **2**: 84.
on refractoriness of fire-brick, **6**: 224.
for enameled-brick glaze, **5**: 264.
for enamels, **13**: 516.
eutectic mixts. as, **18**: 615.
feldspar as, amt. of steatite required to produce max. action of, **18**: 488.
feldspar as, gaging properties of, **5**: 167.
for fire brick, **12**: 360.
fluorspar as, **2**: 194.
fusion and, **13**: 75.
glaze, **3**: 113.
indicator for acid and basic, lead chromate as, **11**: 528.
iron as, absence of action below cone 9, **9**: 232, 316.
iron oxide as, in Seger cones, **3**: 180.
lime as, **13**: 703.
magnesia as, for clay, **5**: 130.
mica as, **4**: 255; **5**: 362.
oxides of RO series as, **16**: 260.
oxides of RO series as, compared to lime, **11**: 81.
for porcelain [illegible] the diff. form [illegible] of cal- [illegible], 288.
[illegible]ain, Cornwall stone *vs.* feldspar, **10**: 97.
soly. of clay and flint in feldspar, **13**: 479.
for terra cotta glazes, **9**: 577.
tin oxide in, **4**: 139.
value of material as indicated by rate of deformation, **15**: 231.
in vitreous facing mixts., **7**: 97.
in vitreous tesserae, **7**: 103.
Fluxing power, standard for, **13**: 134, 146.
Foaming, of refractory clay, **7**: 277.
Foundation, of kilns, **2**: 22.
Franklinite, for granite imitation glaze, **14**: 246.
Freezing, disintegration by, **11**: 65.
effect on bricks from western Canada, **14**: 84.
effect on roofing tile, **8**: 154.
effect on workability of clay, **12**: 515.
resistance of brick to, **9**: 528.
resistance of clay products to, effect of porosity on, **9**: 700.
resistance to, **17**: 249.
test, **15**: 257.
test, sodium sulfate test and, **17**: 254; **18**: 642, 923.
French kaolin, **17**: 356.
Frit furnace. See *Furnace*.
Frits, **2**: 127; **9**: 110.
compounding, **10**: 113.
costs of prepg., by the kiln *vs.* the sagger method, **9**: 195.
Cremer, **5**: 335.
crushing, **16**: 448.
enamel, clay for floating, **19**: 340.
enamel glazes at cone 1–3, **13**: 324.
firing period of, control of, **16**: 447.
green chrome-tin, **6**: 150.
insol., prepn. and behavior of, **7**: 274.
lead, and their adaptation to pottery glazes, **4**: 200.
lead compounds for, **4**: 131.
for leadless glazes, **5**: 293.
pink, compn. for, **4**: 233.
resistance of, factors affecting, **19**: 146.
soly. in acids, **18**: 762, 926.
for stoneware enamel, **11**: 605.
underglaze color, **13**: 723.
Fritting, **4**: 79.
to improve heat range, **13**: 681.
Fuel, **7**: 274.
amt. used in firing, method of stating, **9**: 45.
blistering of glazes produced by, **2**: 144.
briqueting of, **12**: 69.
cause of variation in the firing of kilns and a remedy for the same, **2**: 22.
compn. of, relation to value in ceramic firings, **9**: 713.
consumption in periodic kilns, **10**: 412.
consumption of some white-ware kilns, **14**: 387.
economy as affected by heat cond. of refractory clays, **6**: 119.
economy by fine grinding of materials, **4**: 26.
economy in continuous kilns, **1**: 109; **3**: 209.
economy in firing, **17**: 527.
economy in firing brick, **2**: 44, 45.
economy in firing clay wares, **8**: 403.
economy in muffle kilns, **1**: 50.
effect on color of clay ware, **1**: 73.

effect on glaze of kind of fuel used, 5: 143.
oil as, in firing ceramic wares, 14: 801.
oil as, in pottery, 15: 661.
petroleum as, for kilns, 1: 43.
for terra cotta kilns, 8: 130.

Fuller's earth, 12: 804.

Furnaces. (See also *Glass furnace; Kilns.*)
annealing, for paving brick from blast-furnace slag, 19: 515.
Arsem, 15: 169.
blast, paving brick from slag of, 19: 507.
slags for cement manuf., 5: 79.
slags, fusibility of, 7: 453.
utilization of gas from, 8: 410.
construction as affected by action of refractories under load conditions at high temps., 7: 185, 196.
design of an economic, for tunnel drying, 14: 637.
Deville high-temp., construction and operation of, 8: 301.
electric, carbon resistance, 10: 54.
for ceramic purposes, 2: 192.
glass-melting, 7: 454.
shaft, for lime or cement manuf., 7: 149.
for testing porcelain insulators, 13: 468, 471; 14: 285.
wired, with porcelain plates, 13: 477.
enamel, burner for, 19: 375.
for expansion coeff. detn., 14: 472.
expansion of silica blocks used for, use of thin slab of clay brick to take care of, 14: 822.
frit, 6: 199; 16: 436, 444, 445, 446.
frit, costs of prepg. frit by, *vs.* the sagger method, 9: 195.
heat distribution in, effect on life of, 7: 187.
linings, graphite for, 14: 481.
linings, spinel for, 19: 408.
material for, 19: 535.
for paving-brick manuf. from blast-furnace slag, 19: 515.
regenerative, in ceramic industry, 8: 395.
test, for load-carrying power of tiles, 7: 196.
for testing firebrick under load, 12: 340, 342.

Fusibility. (See also *Refractoriness.*)
19: 195.
of Bristol glazes, effect of clay on, 18: 508.
of clay, 9: 312.
of clay, effect of mica on, 2: 99.
of clay, effect of silica on, 3: 34.
of clay mixts., effect of grain size of minerals on, 5: 362.
compn. and, 17: 120.
control in enamels, 13: 502.
control in fritted glazes, 19: 642.
decreasing, effect on crazing, 15: 627.
of feldspar, detection of variations which will affect ware, 15: 107.
fineness of grinding and, 4: 30.
of glaze, correlation with other propertesi, 13: 612.
of glaze, effect of clay on, 13: 579.
of glaze, effect of feldspar and clay on, 5: 142.
of glazes for stoneware, porcelain and terra cotta, effect of clay on, 18: 515.
of glazes, increasing by zinc oxide, 17: 520.
of glazes, relation to heat range, 15: 694.
increase by clay additions, cause of, 13: 130.
of lead glazes, effect of certain metallic oxides on, 13: 142.
of mixts. of potash, lime, alumina and silica, 17: 672.
phosphoric acid and, 8: 236.
of slags, 18: 493.
of terra cotta glazes, effect of clay on, 17: 399, 403.

Fusion. (See also *Melting; Vitrification.*)
of calcareous and magnesian slags, 15: 457.
change in mol. vol. and transfer of heat in, 10: 293.
of clay, 9: 217.
definition of, 13: 668.
degree of, effect on gloss development, 14: 107.
effect on resistance to abrasion of lead silicate, 17: 524.
fluxes and, 13: 75.
heats of, of lime and magnesia, 19: 195.
heats of, of silicates, 9: 446.
manner of, in a vitrifying brick, 9: 231.
phenomena, law of solns. and, 7: 276.
of porcelain in high-potential testing, 14: 278.
of silicates, phys. chemistry of, 9: 419.
in systems: feldspar–calcite and feldspar–magnesite, 18: 575.
vol. changes by, in porcelain, 10: 283.

Fusion curves, 10: 259.

Fusion point. See *Melting point; Softening point.*

Galena, in ceramics, 4: 131.
as glaze ingredient, 17: 779.

Galvanometer, for pyrometer, 18: 370.

Ganister, 14: 483.

Garnet, for granite-imitation glaze, 14: 246.
in pegmatite, 14: 439.

Gas (*fuel*), blast-furnace, 8: 410.
combination gas and steam power plant, 10: 396.
furnaces for manuf. of, refractories for, 7: 187.
heat balance in plate-glass furnace fired with natural, 12: 621.
kiln fired by producer, 15: 444.
in kiln firing, 1: 27.
kiln temps. from coal and producer, 12: 93.
natural, for firing brick, 2: 89.
producer, and its application in ceramic work, 8: 391.
producer-gas-fired continuous kiln, 14: 778; 16: 585; 17: 274.
producer gas in burning bricks, 2: 38.
producer, plant, 18: 862.
producers, operation in window-glass manuf., 17: 229.
retorts, 2: 189.
retorts, failure of, 7: 448.

retorts, thermal properties of, 6: 120.
terra cotta firing with natural, 9: 661.
water gas for firing ceramic ware, 8: 408.
Gases, chimney, measurement of the velocity of, 18: 239.
in decorating kilns, 9: 412.
heat loss by waste, 10: 413.
in kiln, control of compn. of, 8: 284.
kiln, effect on color of clayware, 1: 69.
kiln, effect on compn. of Seger cones, 3: 181.
kiln, effect on ware, 14: 866.
kiln, relation to color of porcelain, 3: 216.
Gas mantle rings, bodies for inverted, 14: 407; 15: 546.
Gas producers. See *Gas (fuel)*.
Gelatin, in pottery manuf., 6: 61.
Gels. See *Colloids*.
Geological Surveys, coöperation with, rept. of the comm. on, 9: 741; 10: 526.
Geophysical laboratory, 15: 49.
Georgia clay, 6: 38, 208; 8: 114; 10: 142, 301; 11: 551; 12: 228, 529, 628, 722, 769; 13: 158; 14: 709, 818, 819, 820, 828; 15: 529; 16: 136, 281, 478, 520, 543; 17: 83, 218, 338, 345, 346, 348, 354, 358, 364, 366; 18: 619, 768, 770, 792; 19: 135, 248, 340, 469, 636.
German kaolin, 17: 356, 364; 18: 619.
Gilding, 9: 409.
Glass, acid, behavior in tank furnace, 14: 655.
alumina and, 11: 99.
alumina in, 12: 329, 331.
alumina substitution for lime in, 11: 318.
armored, 9: 798.
barium, 18: 893.
barium compds. in manuf. of, 17: 246.
barium in, 12: 370.
borate, optical properties of, 10: 171, 173.
boric acid-silica, 14: 217.
boric oxide in, 10: 174.
for bottling purposes, requirements of, 15: 706.
bricks from blown, 9: 796.
bubbles in, cause and differentiation of, 17: 793.
bubbles in molten, formation and removal of, 19: 201.
cement and, 5: 87.
cheap, 15: 569
chrome ruby, 16: 548.
colored, effects of various temps. on, 16: 547.
compn. of, method of expressing, 14: 657.
contraction of, on solidifying as a cause of crazing, 12: 322.
crystn. of window, 9: 322.
devitrification of, under thermal after-treatment, 15: 600.
differentiation from glazes, 5: 58.
in elec. industry, 18: 136.
elec. resistance of, 4: 96.
emulsion state of, 13: 679.
English hand-made, 7: 274.
expansion coeffs. of, 7: 127.
fallacies and facts pertaining to, manuf., 12: 327, 330.
from fusible minerals of clay, testing, 14: 356.
fusible, without Pb or boracic acid, 5: 305.
heat required for production of, 12: 622.
heat-resistant, 18: 871.
ideal, 5: 341.
insulators, duntin : of, 8: 95.
iridescent, 11: 293.
iridescent stains on, 7: 159.
Jena, 14: 668.
lead compds. for, 4: 131.
magnesia in, 11: 616; 12: 607.
manganese in, when used as decolorizer, 19: 370.
manufacturer, chemist and, 12: 186.
manuf., some fallacies and facts pertaining to, 11: 296.
mat, 15: 628.
mechanical manipulation of, requisite properties for, 12: 585.
melting by electricity, 7: 454.
melting, heat required for, 12: 624.
melting point of, detn. of, 11: 80.
metallic lusters on, 7: 274.
nature of, 3: 73.
opacifiers for, fluorides as, 16: 577.
opalescent, 16: 115.
optical, of national importance, 19: 81.
plate, chem. reactions of interest in, 14: 642; 15: 585.
polarization test through the use of selenite plates, 12: 597, 609.
quartz, density of, 10: 297.
reaction with calcium sulfate, 14: 653.
refractories, clay for, 19: 601.
refractories for manuf. of, 16: 101.
refractory materials for, works construction, 8: 353.
relation to glazes, 3: 77.
resistance to chemicals, effect of zinc on, 17: 526.
ruby color in, development of, 16: 284.
salt glaze considered as, 4: 225.
sand content of, as affected by alumina, 14: 70.
sands, 19: 160.
series of, 5: 229.
silvering, 12: 188, 191; 17: 505.
soda-lime, color of, 13: 251.
soda, system: willemite–tephroite–, 19: 674.
soda-lime, limits of proportions of, 16: 109.
soly. of fluorides in, 14: 667.
soly. of some salts in, 14: 665.
solns. of gold, similarity to aq. solns., 16: 547.
specific heat of, 14: 397.
standards, 15: 684.
stones in, cause of, 18: 544.
stony, causes of, and relation of potassium carbonate to it, 17: 760.
variation in soda, lime and magnesia content of, of the type $RO.3SiO_2$, 17: 236.
window, compn. of mixts. for, 17: 225.
window, defects in, 17: 231.
yellow color from iron in, 16: 142.
Glass furnace, conditions affecting manganese in glass, 19: 370.

control of window-glass tank, **17**: 222.
design of, to prevent gaseous occlusions, **17**: 799.
heat balance of plate, **12**: 621.
tank, behavior of an acid glass in, **14**: 655.
tank, operation, **19**: 331.
temp. of, measurement of, **11**: 464.
Glassiness, production by alumina, **5**: 58.
Glass pots, clay for, properties of, **17**: 650.
clay, German plastic, **12**: 259.
grog for, **19**: 289.
heat cond. of, importance of, **6**: 120.
heat taken up by, **12**: 621.
loss in flint-glass manuf., **12**: 371.
refractories for, **16**: 101, 106, 108.
Glass tank blocks, **8**: 356; **16**: 103.
Glazes. (See also *Color(s)*; *Frits*.) **12**: 531.
adhesion of, testing, **11**: 65.
aventurine, **8**: 352.
black spots upon terra cotta, **14**: 227.
blistering and the fine grinding question, **7**: 439.
blistering of, **2**: 139.
bodies and, **9**: 483.
for bone china, **12**: 179.
boric-acid, changes in, **3**: 184.
boric oxide, expansion coeff. of, **7**: 131.
boron in, **12**: 676.
boron in, chem. role of, **14**: 731.
boron in, function of, **10**: 158.
boron substitution for alumina in unfritted mat, **12**: 680.
Bristol, **5**: 62; **11**: 614.
compn. on the basis of "norms," **14**: 95; **18**: 424, 900.
compounded on the eutectic basis, **18**: 631, 922; **19**: 301.
effect of clay on fusibility of, **17**: 399, 403.
fluxes for, **19**: 453, 457.
fusibility of, effect of clay on, **18**: 508.
white, **4**: 64; **5**: 136.
calcn. of, mixts., **13**: 122.
characteristics of, **13**: 612.
for chem. porcelain, **18**: 92.
chrome green, influence of some unusual Zn compds. in, **17**: 667.
chrome-tin colors in, production at high temps., **19**: 378.
chrome-tin pink, **4**: 230; **6**: 148; **12**: 517; **13**: 324.
chrome-tin pink, constitution of, **4**: 230; **5**: 242.
chrome-tin pink, effect of various combinations, amts. and sources of chromium on, **11**: 228, 251.
chrome-tin pink, production of red from, **14**: 172.
chrome-tin red, between cones 2 and 8, **17**: 278.
chromium oxide action in, contg. zinc, **10**: 124.
chromium oxide as coloring agent in, effect of variation of RO elements on, **16**: 248.
cobalt-blue, influence of alumina and boric oxide on, **12**: 683.
cobalt pink, **12**: 707.
for cobalt pink or red, **14**: 764.
colored porcelain, at cone 10, **16**: 347.
coloring power of uranium oxide in, of various compns., **8**: 210.
color of, effect of rate of cooling of kiln on, **2**: 184.
color series for mat, at cone 2-4, **12**: 533.
colors produced by nickel oxide in ceramic mixts. containing zinc, **14**: 143.
comparison between English and Am. practice, **16**: 307.
compn. of, **7**: 275.
compn. of, range for given body, **12**: 528.
compounding fritted, from its mol. formula, **2**: 248.
compounding raw, from their chem. formulas, **2**: 239.
confusion of term with "enamel," **6**: 110.
consistency of, **19**: 357.
contraction of, on solidifying as a cause of crazing, **12**: 322.
cost in white-ware manuf., **2**: 161.
crazing of—see *Crazing*.
crystalline, **4**: 38, 144; **7**: 43; **9**: 319; **10**: 61, 183.
at cone 3, **16**: 342.
crazing of, **12**: 138.
crystals sepg. from silicate fusion used in production of, **19**: 674.
function of alumina in, **10**: 450.
petrographic examn. of, **17**: 645.
production of, **6**: 186.
rutile, **11**: 58.
at St. Louis Exposition, **7**: 50.
from zinc oxide, **8**: 336; **9**: 782.
"curtaining," **11**: 369.
cutlery marks on, **13**: 226.
defects, removing with elec. arc, **2**: 193.
defects, Seger's rules for correction of, **13**: 157.
deformation of, **13**: 674.
deformation temps. of some porcelain, **16**: 454.
dept. of Van Briggle Co. plant, **10**: 73.
differentiation from glasses, **5**: 58.
dipping, **12**: 297.
dolomite substitution for whiting in, **12**: 534.
dull or blistered, from muffle kilns, **3**: 189.
on dust-pressed tiles, relation between pressure and glaze fit, **19**: 94.
for earthenware bodies, **12**: 123.
effect of sol. salts in clay on behavior of, **16**: 162.
for elec. porcelain, **9**: 601.
for enameled brick, **5**: 258.
equiv. wts. in prepn. of, **1**: 9.
expansion coeff. of, **16**: 451.
expansion coeff. of, effect of high silica content, **5**: 340.
expansion coeff. of, in relation to crazing, **7**: 126.

faience defined as pottery in which the colored clay body is covered by a transparent, **6**: 111.
firing, effect of steam in, **2**: 32.
fit, **18**: 622.
classification of white ware bodies by, **18**: 94.
on dust-pressed bodies, **15**: 736.
rational analysis and, **15**: 177.
rational analysis of clays as a means of controlling, **14**: 359.
relation to expansion coeff., **18**: 435, 448, 458.
of wall-tile, **18**: 91.
flaking of, caused by bone ash, **10**: 241.
flashing in, **2**: 35.
flint in, fineness of, **3**: 17.
fluorspar in, **2**: 194.
flux, **3**: 113.
fluxes for, eutectic mixts. as, **18**: 615.
fritted, **13**: 681.
fritted enamel, at cone 1–3, **18**: 324.
fritted, law of, **12**: 140.
fritted leadless, for sanitary ware, **18**: 812.
fritted, oxygen ratio and silica-boric acid ratio in, **9**: 95.
fritting, **4**: 79.
fusibility control in fritted, **19**: 642.
fusibility of stoneware, porcelain and terra cotta, effect of clay on, **18**: 515.
fusible, development of, **17**: 672.
galena and lead-bearing waste materials as ingredients for, **17**: 779.
glazed clay-ware as an architectural decoration in exterior *vs.* interior work, **3**: 153.
glost losses in the earthenware industry and their correction, **12**: 294.
granite imitation, **14**: 245.
green, **16**: 210.
green and brown colors in, **5**: 109.
green chromium, **14**: 418.
green, from cobalt oxide and antimony sulfate, **16**: 211.
greens from cupric oxide, **4**: 278.
grinding of, **5**: 293.
ground coat as, **18**: 531.
gun-metal copper, **9**: 410, 416.
holding of, effect of body compn. on, **18**: 261.
hotel china, testing, **12**: 320.
lead compds. for, **4**: 131.
lead, cost of raw, **19**: 659.
effect of certain metallic oxides on crazing and fusibility of, **18**: 142.
permissible variation in the silica and alumina contents of raw, **3**: 82.
raw, comparative study of Cornwall stone and feldspar in, **7**: 356.
three-component normative systems in raw, **19**: 312.
use of three compds. of lead in, **19**: 442.
lead frits and their adaptation to pottery, **4**: 200.
leadless, **1**: 101.
lead oxide *vs.* lead carbonate in, **17**: 474.
limits of variation in biscuit body compn., **7**: 79, 89.
magnesia in, **4**: 76; **6**: 90; **8**: 364.
mat, **5**: 230; **6**: 192; **11**: 157; **12**: 536; **14**: 671; **15**: 413.
barium compds. in manuf. of, **17**: 247.
crawling of, **19**: 597.
development of, **5**: 50.
effect of porosity of body and moisture content of glaze in application of, **19**: 428.
at high temps., **7**: 115.
maturing at cone 2–4, **10**: 547.
microscopic examn. of, **14**: 691.
without lead, **5**: 61.
materials, requirements for pottery, **12**: 444.
matness in, cause of, **14**: 682; **15**: 591.
mechanical prepn. of, **2**: 126.
melting point of, detn. of, **11**: 80.
metallic lusters, **9**: 794.
mol. formula, calcn. of approx., from the batch wts. or potters recipe, **2**: 258.
"mol. wts." of various, **17**: 69.
monosilicate, **2**: 151.
non-shivering (?) body, **1**: 84.
opacifier in, bone ash as, **10**: 243.
opacifiers for, fluorides as, **16**: 577.
opalescence and the function of boric oxide in, **12**: 129.
opalescence in highly acid, **11**: 262.
over-, colors at cone 6–7, **19**: 653.
over-glaze decoration, **9**: 408.
pinholing and peeling on terra cotta, **19**: 209.
pinholing of, **17**: 165.
polychrome, decoration in architecture, **9**: 473.
porcelain, **18**: 550.
for porcelain and feldspathic earthenware, **18**: 259.
porcelain, early English, **3**: 147.
porcelain, influence of variable silica and alumina on, of const. RO, **14**: 62.
for porcelain pyrometer tubes, **18**: 270.
porcelain, used at Plymouth, **3**: 150.
produced by oil firing, **14**: 803, 804, 806.
raw, **18**: 680.
red, at high temps., **1**: 62.
red ceramic colors, **11**: 48
relations between fusibility and heat range in, **15**: 694.
relation to glasses, **3**: 79.
roofing tile, **16**: 144.
ropey, **12**: 297.
salt, finishing and salting of, **9**: 737.
firing, **18**: 431.
firing sewer pipe, **17**: 606.
pimpling on, **9**: 726.
relation between constitution of clay and its ability to take, **4**: 211.
sampling, **4**: 212.
scratching-with-steel test, **12**: 312.
shivering of—see *Shivering*.
silica content of, table for obtaining, where the total oxygen-ratio and the alumina are given, **6**: 260.

soly. of bodies and engobes in, 4: 53.
soly. of tin oxide in, 4: 139.
soln. theory of, 17: 80.
speckled, 7: 51.
"spitting-out" caused by short-ground, 9: 203.
spitting-out in, 9: 493.
standard, of Trenton, 2: 150, 152.
for sterilizing tubes, 7: 149.
stoneware, 4: 61; 6: 206, 207; 11: 606; 13: 550, 559, 584.
straw liquor and, 6: 257.
terra cotta, 9: 577; 13: 550; 14: 840; 16: 169.
as cause of failure of terra cotta in wall, 19: 594.
influence of variable silica and alumina on, 13: 282.
low fusing, 13: 515.
white, at cones 6 and 7, 17: 380.
tin, 4: 144.
tin in, function of, 5: 253.
Trenton, 2: 149.
turquoise-blue, influence of alumina and boric oxide on, 12: 685.
uranium oxide, 9: 777; 10: 61.
vellum, 7: 52.
zeolites and, 12: 707.
zinc in chromium, effect on green color, 15: 118.
zinc oxide in, for semi and vitrified china bodies, 17: 520.
Glazing, effect of maintaining const. sp. gr. and viscosity of slips and glazes, 17: 652.
salt, relation of grate area to kiln floor area, 9: 736, 739.
time-temp. curves during salting of oil-fired sewer-pipe kilns, 17: 314.
vapor, 5: 105; 10: 211.
Gloss, control of, 17: 174.
on enamels for steel, use of, tin oxide for, 14: 509.
feldspar and, 13: 583.
glaze compn. and, 15: 107.
of glaze for china bodies, effect of zinc oxide on, 17: 520.
of stoneware glazes, 13: 565.
of terra cotta glazes, factors affecting, 17: 393.
Glues, in pottery manuf., 6: 61.
scumming prevention by, 7: 604.
Gneiss, compn. of fresh and weathered, 13: 352, 353, 382.
Gold, ceramic red colors by, 11: 48.
ruby colors in glass from, 16: 284.
solns. in glass, similarity to aq. solns., 16: 547.
Gold chloride, pink glaze from, 16: 356.
Graham kaolin, 4: 50, 54.
Grains, clay, 11: 555.
shape of, of grog, effect on resistance to temp. changes, 7: 144.
"spitting out" and, 9: 203.
structure of, effect on vitrification, 12: 670.
Grain size, 6: 173.
blistering and the fine grinding question, 7: 439.
bolting cloth sizes, 11: 175.
calcn. of the comparative, by means of a surface factor, 7: 441.
as cause of cracking and crazing, 13: 333.
of clay, effect of, 8: 200; 17: 625, 627.
clay formation and, 16: 79.
of clay from diff. depths, 14: 465, 466.
of clay, relation to excess water, 11: 572.
of clay, relation to tensile strength, 6: 80.
detn. of, 11: 547.
detn. of, in clay, 11: 467.
detn. of, of raw materials, 13: 499.
effect on alkalinity, 11: 372.
on expansion coeff. of porcelain, 13: 415.
on fireproof qualities of clay, 9: 644.
on fusion, 9: 219.
on paving block, 13: 128.
on porcelain, 12: 673.
on properties of portland cement, 10: 244.
on refractoriness of fire-brick, 6: 224.
on soly. of enamel in acids, 13: 766.
on strength of ware, 13: 419.
on vitrification, 12: 275, 670.
of feldspar and flint, effect on properties of porcelain and china, 14: 382.
of feldspar, detn. of properties of diff., 16: 132.
effect in pottery manuf., 12: 437.
effect on bending and warping, 13: 745.
porosity and, 13: 733.
fine grinding of flint and spar, 5: 281; 8: 252.
fine grinding of glazes, 5: 293.
of flint (ground), effect on reaction with lime, 3: 59.
of flint in its relation to the manuf. of pottery bodies, 3: 17.
of frit, effect on action of acids on enamels, 17: 140.
glaze defects and, 13: 175.
of grog, effect on resistance to temp. changes, 7: 136.
of grog, relation to general properties of ceramic ware, 7: 137.
importance in flux, 4: 269.
of iron oxide in clay ware, effect of, 5: 382.
of kaolin, effect on deformation of kaolin-feldspar mixts., 15: 223.
of kaolins, 17: 356.
of lime, effect on hydration, 16: 315.
of limestone in clay, safe limit of, 14: 218.
of materials in use in the ceramic industry, 4: 25; 10: 140.
of minerals, effect on fusibility of clay, 5: 362.
of non-plastic constituents of clay mixts., relation to tensile strength, 2: 100; 3: 203.
of non-plastic materials in Am. earthenware bodies, 12: 115.
pimpling and, 9: 727.
pore water and, 10: 156.
preheating and, 12: 505.
of quartz, effect on porosity of bodies of quartz and clay substance, 7: 148.
of raw cement mixts., 5: 99.
of sand, effect on color of salt-glazed clay ware, 4: 223.

of sand, effect on combination with lime, 4: 160.
of silica added to shale, effect on toughness, 16: 208.
of silica, effect on color of salt glaze, 5: 106, 113, 114.
of silica in body, effect on expansion coeff., 5: 341.
of silicates, 9: 425.
soly. and, 4: 206; 13: 481.
standard for, 8: 244.
testing sieves, 15: 373.
uniform, production of, 15: 462.
vitrifying action of feldspar and, 7: 148.
Granite, analyses of fresh and weathered, 13: 382.
biotite, compn. of fresh and partially weathered, 13: 349, 351.
as flux in vitreous tesserae, 7: 103.
glaze imitation of, 14: 227, 245.
graphic, as a source of feldspar, 15: 451.
Graphite, crucible manuf. from artificial, 6: 31.
crucibles, clay for, 19: 601.
crucibles, manuf. of, 12: 67.
for granite-imitation glaze, 14: 246.
as lubricant for dust-pressed ware dies, 14: 562.
as refractory material, 14: 481, 483.
Greens. See *Colors.*
Greenstone, analyses of fresh and weathered, 13: 383.
Gres. See *Stoneware.*
Grinding. (See also *Grain size.*)
in Bedford shale manuf., 5: 295.
cement clinker, 4: 276.
in cement manuf., importance of fine, 5: 98.
clay for fire brick, 18: 82.
clay for refractories, 14: 251.
cylinder linings, flint *vs.* wooden blocks for, 10: 133.
effect on white ware, 3: 36.
English *vs.* American, 12: 121.
as factor in crawling of mat glazes, 19: 598.
feldspar, 16: 131.
fine, 7: 439.
fineness of, effect on hotel china, 12: 451.
fineness of flint in its relation to the manuf. of pottery bodies, 3: 17.
flint, 12: 434.
of flint and spar, 5: 281; 6: 173; 8: 252.
frit, clay addition in, 16: 449.
glaze, fineness of, 2: 130.
of glazes, 5: 293.
of materials used in earthenware bodies, 4: 25.
methods, 13: 326.
quartz sand in tube mills, 6: 164.
of refractory materials before testing, 19: 534.
Grittiness, testing, in clays for paper, 14: 571.
Grog, action in ceramic bodies, 7: 133.
for assay crucibles, 10: 513.
calcining clay for, 18: 165, 876.
definition of, 7: 134.
effect of, in a fire-clay body, 17: 409.
effect of size of, in fire-clay bodies, 19: 268.
effect on drying behavior of clay, 13: 770.
effect on shrinkage and mechanical strength of a No. 3 fire-clay body, 18: 524, 915.
effect on strength changes in lab. drying, 15: 270.
heat cond. and, 6: 128.
for sagger mix, 12: 290; 17: 446.
storage installation for, 19: 109.
sulfur in, for terra cotta, 9: 511.
Gross Almerode clay, 19: 622.
Ground, for kiln construction, importance of capillary movement of moisture in, 2: 27.
Gum-arabic, effect on glaze, 11: 373.
in terra-cotta glazes, 19: 214.
Gums, in dust-pressed ware, 12: 199.
in pottery manuf., 6: 61.
Gum tragacanth, as agent for producing fit between enamel and body, 13: 164.
in dust-pressed ware, 12: 199.
effect of varying amts. of, on plaster, 17: 326.
in glazes, 10: 561.
Gypsum. (See also *Calcium sulfate; Plaster of Paris.*)
in cements, 7: 280.
dehydration and rehydration of, 12: 495.
dissociation of, 18: 221, 884.
effect of soln. of, on aluminates, 16: 319.
effects on clay, 13: 689.
heating app. for, 7: 151.
hydration of, 7: 278.
modification of, 17: 548.
in Montana clays, 14: 614.
occurrence of, 10: 76.
setting time of calcined, measurement of, 19: 573.
tensile strength of ground, 6: 77.

Halloysite, from Ala., 14: 332.
Hardening. (See also *Hydration; Setting.*)
of artificial sandstone, 4: 157, 169.
of lime-sand brick, 7: 279.
sand brick, 5: 191, 207.
Hardness, of brick, relation to resistance to frost, 9: 528.
of clay, effect of tannin, etc., on, 6: 38.
detn. by sand-blast test, 14: 205, 208.
detn. of, of silicates, 9: 424.
testing, 14: 356.
Harris kaolin, 6: 181.
Haulage. See *Transportation.*
Hausmannite, crystn. from willemite-tephroite soda glass, 19: 687.
Heat. (See also *Conduction, thermal.*)
absorption by clay, 14: 710.
balance of continuous tunnel kiln, 19: 216.
balance of plate-glass furnace, 12: 621.
behavior of firebricks under load at 1300° C., 13: 337.
distribution, effect on life of furnace, 7: 187.
distribution in four industrial kilns, 10: 412.
distribution in kiln, 13: 385.
distribution in kilns, method of charting, 13: 117.
effect on clays, 14: 709.

flocculation of clay with, **18**: 774.
loss from kiln by radiation, **12**: 103.
loss in Dressler tunnel kiln, **17**: 528.
loss in drying clay ware, **19**: 570.
preheating clays, comparison with effect of lime addition, **17**: 504.
preheating expts. on Cretaceous clays of Canada, **14**: 155.
preheating temp. and vol. shrinkage, **14**: 811.
preheating treatment of clays, **12**: 504.
production for drying brick, **5**: 36.
pyro-physical behavior of flint fire clays, **10**: 365.
range, fritting to improve, **13**: 681.
range in glazing, **13**: 577.
range in glazing, effect of clay on, **13**: 581.
tests on sand-lime brick, **12**: 83.
transfer from kiln-mouth to kiln proper, by use of steam, **1**: 43.
transfer in fusion, **10**: 293.
transmission through bricks, detn. of, **18**: 192, 878.
utilization of waste, from cooling ware in tunnel kiln, **17**: 542.
waste, from cooling kilns in drying, **6**: 269.
waste, from down-draft kiln, amt. utilized by the waste-heat drying system, **11**: 153.
waste, from kilns, **12**: 430.
waste, from kiln, use to maintain producer gas at a high temp. in entering kiln, **8**: 394.
waste, utilization for preheating, **13**: 790.

Heating, curves of boric acid-silica mixts., **14**: 213.
effect of repeated, on strength of fire-clay bodies, **18**: 545, 917.
rate of, relation to softening points of cones, **15**: 74.

Heating devices, elec., compds. for, **18**: 134.

Heating test, for chem. porcelain, **18**: 89.
for plaster, **10**: 82.

Heat of formation, of silicates, **9**: 455.

Heat of fusion, of lime and magnesia, **19**: 195.
of silicates, **9**: 446.

Heat of reaction, of silicates, **9**: 455.

Heat of solution, of silicates, **9**: 455.

Heavy spar. See *Barium sulfate.*

Hilgard apparatus, **11**: 470.

History, of American Ceramic Society, **2**: 15; **10**: 45.
birth of English porcelain, **3**: 142.
of ceramic decorative processes, **19**: 449.
ceramic progress in America, **4**: 19.
of enameling metals, **13**: 515.
of glass industry, **8**: 354; **11**: 296.
of glaze calcns., **15**: 643.
mat glaze development, **5**: 50.
of oil fuel in pottery, **15**: 661, 663.
of Philippine pottery, **14**: 723.
of polychrome terra-cotta decoration, **9**: 473.
of porcelain investigations, **11**: 185.
of pyrometry, **18**: 684.
of silvering of glass, **17**: 505.
of tunnel kiln, **18**: 106.

Hollow ware, dies, flow of clay through, **19**: 479.
firing salt-glazed vitrified, **18**: 431.
manufacturers of, near Cleveland, O., **18**: 465.

Hooper solubility test, **11**: 321.

Hornblende, in feldspar, effect on pottery, **12**: 436.
for granite-imitation glazes, **14**: 245.
soly. of, **13**: 346.

Hotel china. See *China.*

Humidifier, **19**: 555, 556, 557.

Humidity, control and relation to drying of clay wares, **19**: 538.
control of, in studying drying behavior of clays, **18**: 564.
drying system, **11**: 375.
variation of, effect on drying of clay, **17**: 711.

Hyalophane, **15**: 147.

Hydrargillite, in aluminous clays, **14**: 819.
in clay, **14**: 335.
in flint clay, **14**: 327.

Hydration. (See also *Hardening; Setting.*)
of cement, **16**: 313.
curves of lime burnt at diff. temps., **13**: 637.
velocity, relation to soln. tension, **7**: 279.

Hydrocarbons, removal from clay by preheating, **13**: 785.

Hydrochloric acid, action on enamel, **17**: 140.
prevention of cracking by, **13**: 789.
soly. of enamel in, **18**: 766.

Hydrofluoric acid, fluorspar fragments for, produced by calcination, **7**: 149.

Hydromica-schist, as flux in vitreous tesserae, **7**: 105.

Hygrodeik, **19**: 217, 539.

Hygrostat, **19**: 559, 560, 562, 563.

Illinois clay, **10**: 96, 155, 301; **11**: 354, 392, 602; **12**: 507, 509, 764; **14**: 813; **15**: 72, 194; **16**: 571; **17**: 464; **18**: 524, 546; **19**: 616, 623, 624.

Illinois University, ceramic courses at, **8**: 322.

Impact test, **12**: 313; **15**: 234.
machine for, **8**: 121.

Indiana clay, **10**: 301; **12**: 764.

Indianaite, **3**: 25, 39; **14**: 332.

Indicators, lead chromate as, for acid and basic fluxes, **11**: 528; **12**: 689.

Ink test, **5**: 289; **12**: 311; **13**: 103; **16**: 513; **17**: 490.

Insulators, electrical. (See also "elec." under *Porcelain.*)
amianthus, **7**: 149.
dielec. strength of, effect of temp. on, **13**: 469.
dunting of glass, **8**: 95.
elec. cond. of, detn. of, **11**: 338.
fire clay for, **14**: 579.
high-voltage, **14**: 267.
porcelain, **4**: 87.
porcelain, design of, **18**: 203, 879.
silicates as, **15**: 125; **18**: 136.
talc-contg. body as, **15**: 545.

Insulators, thermal, ceramic materials as, **18**: 136.

Iowa clays, **17**: 102, 697, 698.

Iowa State College, industrial coöperation in ceramics at, **16**: 580.

Iridescence, of glass, **7**: 159.
production in glass or glaze, **11**: 293.
Iron. (See also *Enameled ware; Enamels; Steel.*)
in clay firing, **5**: 377.
in clays, mineral forms of, **5**: 384.
coloring effect of, **2**: 74, 186.
color in glaze by, masking by lime and by magnesia, **8**: 368.
color produced in glazes by, effect of magnesia on, **4**: 77.
detn. in enamel, **12**: 147.
for dryer cars, **17**: 744.
effect of state of oxidation on refractoriness of clay, **5**: 228.
effect on hydration of cement, **16**: 324.
effect on ruby color in glass, **16**: 304.
effect on vitreous cream tile, **7**: 110.
in flint, **12**: 433.
fluxing action of, absence below cone 9, **9**: 316, 232.
in glass sands, **19**: 177.
in kaolin, **14**: 462.
magnetic separator for removing, from slip, **13**: 639.
mottling of enamels, **13**: 489.
in porcelain, effect on elec. resistance, **4**: 130.
specks in bone china, **12**: 177.
vitrified products from clay contg., **14**: 357.
volatilization of ferric, role of chlorides in, **17**: 125.
yellow color in glass from, **16**: 142.
Iron carbonate, tannic acid and, **6**: 52.
Iron chloride, effect of, pptd. in a porcelain body, **16**: 127.
Iron enamel. See *Enamels.*
Iron hydroxide, mixt. with flint and asbestos, effect of steam pressure on, **15**: 134.
reaction with flint under steam pressure, **15**: 128.
tannic acid and, **6**: 52.
Iron ore, in cement, **5**: 104.
for granite-imitation glaze, **14**: 246.
Iron oxides, black spots on terra cotta glazes by, **14**: 227.
in cement, effect of temp. of firing on condition of, **15**: 443.
in clinker formation, replacement of alumina by, **17**: 76.
as coloring matter in aventurine glaze, **8**: 352.
coloring propensities of, effect of fluxes on, **16**: 139.
deposition on ware in salt glazing, **4**: 219.
effect on changes in the porosity and the sp. gr. of some clays, **10**: 325, 351, 352.
effect on color of porcelain, **3**: 216.
effect on fusibility of cones, **8**: 170.
effect on vitrification in cements, **6**: 92.
for enamel color, **11**: 48.
in flashing, **1**: 74.
as flux in Seger cones, **3**: 180.
formulas and mol. and equiv. wts. of, **2**: 204.
fusion curve of mixts. with feldspar and whiting, **10**: 260.
mottling of enamels caused by, **13**: 489.
in paving-brick manuf. from blast-furnace slag, **19**: 516.
in pink vitrified floor tile, **15**: 142.
ratio to alumina and silica in celite and in alite, **17**: 71.
ratio to lime in slag, **15**: 550.
reduction of ferric, **16**: 136.
in sand for sand brick, **5**: 173.
in Seger cones, **2**: 62.
in Seger cones, lowering temp. of introduction of, **17**: 672.
Iron silicate, **12**: 690.
existence of ferrous, in porcelain, **10**: 110.
in flashing, **2**: 74.
formation temp. of, **16**: 139.
thermoelec. phenomena in, **17**: 218.
Iron sulfate, effect on color of stiff-mud clay in firing, **17**: 769.
formula and mol. and equiv. wts. of, **2**: 204.
in grog in ferrous state, **9**: 523, 524.
soly. of ferrous, **8**: 255.
underglaze color production by, **16**: 487.
Iron sulfide, formula and mol. and equiv. wts. of, **2**: 204.
Ivory finishes, old, in pottery work, **19**: 658.

Jiggering, **15**: 394.
in Marquardt porcelain tube manuf., **19**: 407.

Kansas clays, **16**: 120, 201, 571.
Kansas shale, **11**: 439; **18**: 842, 930.
Kaolin. (See also *Clays.*)
alkalies and, comparison of diff., **12**: 781.
American, for stoneware slips, **4**: 50.
binding power of, explanation of variation in, **6**: 75.
in bodies for inverted mantle rings, **14**: 416.
of Colorado, **8**: 102.
color of diff. brands, **6**: 207.
deformation behavior of silicates in reference to, **17**: 672.
deformation study of mixts. with feldspar, **15**: 217.
deposits of Bollinger Co., Mo., **9**: 62.
effect of feldspar on, in firing, **13**: 731.
effect of varying sizes and percentages of quartz grains upon the porosity and shrinkage of, **12**: 548.
effect on changes in the porosity and the sp. gr. of some clays, **10**: 332.
effect on fusibility of Seger cones, **5**: 140.
expansion coeff. of, **7**: 125.
firing at various temps. in binary and ternary systems with feldspar and quartz, changes involved in, **18**: 382, 392, 396, 421.
formation from feldspar, **3**: 41; **6**: 75; **15**: 162.
Georgia, effect of sodium hydroxide, sodium silicate and sodium carbonate on, **19**: 470, 472, 474.
grain size of various, **17**: 356.
Halle, **7**: 148.
melting point of, **15**: 171.
mining in Europe, **18**: 228.
mining in the south Appalachian Mountains, **14**: 434.

nomenclature, 14: 814.
as opacifier for soda-lime glass, 13: 256.
origin of, 2: 93; 15: 60.
origin of white residual, 13: 51.
plastic, in United States, 19: 625.
porcelain from Am. plastic and English non-plastic, 8: 114.
reaction with lime, 3: 61.
refining, 18: 767, 928.
requirements as pottery material, 12: 440, 444.
in sand for sand brick, 5: 173.
sedimentation of, use of sulfuric acid in, 19: 130.
silicic acid (hydrated) in, and its effect on pottery bodies, 3: 25.
Staten Island deposit sold as, 2: 97.
stratified, hydrated silica in, 12: 51.
substitution by ball clay, effect on expansion of porcelain, 13: 415.
Texas, 10: 91.
thermal behavior of, 13: 384.
viscosity of, treated with different amts. of sulfuric acid, effect of alkalies on, 19: 134.
Zettlitz, effect of heating on shrinkage and porosity of, 7: 148.

Kaolinite, in aluminous clays, 14: 335.
chem. structure of, 14: 339.
crystallized, 3: 219.
formation from feldspar, chemistry of, 15: 59.
formation from feldspar, evidence against, 3: 30.
formula and mol. and equiv. wts. of, 2: 205.
mica and, 2: 96.
nomenclature, 14: 815.
sepn. from other common minerals of clays, 11: 468.

Kentucky clays, 2: 109; 7: 330; 8: 297; 9: 461; 10: 142; 12: 142, 232, 237, 255; 13: 556; 14: 254, 324, 395; 18: 104, 546; 19: 248, 340, 469, 610, 616.

Kerosene, as lubricant for dust-pressed ware dies, 14: 563.

Kilns. (See also *Firing.*)
for architectural terra cotta, 8: 125.
brick, 5: 24, 31.
in calcining of clay for grog, 18: 169–79, 876.
center-stack down-draught, 13: 311.
checking up, with Veritas firing rings, 16: 232.
construction at the fire boxes, 10: 71.
continuous, defects and prospective improvements in, 3: 205.
continuous, fired by producer gas, 15: 444.
continuous tunnel, for high-grade clay ware, 18: 106, 873.
continuous, unsuccessful use in America and successful use abroad, 1: 108.
cooling of, effect on color of white ware of rate of, 2: 184.
for cooling-rate study, 9: 622.
cost of firing biscuit and glost, 9: 789.
costs per sagger of biscuit and glost, 17: 205.
decorating, and over-glaze decoration, 9: 408.
differences in, 1: 92.
down-draft, bottoms, 14: 113.
draft-gage readings in continuous, 18: 239.
draft-meters for, 1: 88.
Dressler tunnel, 17: 527.
Dressler tunnel, firing sanitary earthenware in, 18: 532.
Dressler tunnel, heat balance in, 19: 238.
electrically heated, 2: 192.
fire boxes, 10: 181.
firing, cause of variation in, and a remedy for the same, 2: 22.
firing, with bituminous *vs.* anthracite coal, 3: 221.
Fiske brick, 9: 801.
flue regulation, 13: 706.
fuel consumption of some white-ware, 14: 387.
furniture mending, 17: 290.
gases—see *Gases.*
general discussion of, 19: 240.
Hawthorne, 2: 33.
heat balance of continuous tunnel, 19: 216.
heat distribution in four industrial, 10: 412.
heat distribution in, method of charting, 13: 117.
heat from cooling, application in drying, 6: 269.
heat transfer from kiln mouth to kiln proper with crude-oil firing, 1: 43.
heat utilized from a down-draft, by the waste-heat drying system, 11: 153.
Hoffman, heat balance in, 19: 239.
with inclined bar furnaces, control of combustion and atm. conditions in, 8: 284.
lab., 16: 386.
lab. test, 12: 124.
lime, 8: 268.
linings for rotary cement, 15: 728.
location, 8: 396.
muffled, for enameled brick, 9: 675.
muffle, gases in, 3: 188.
names of different kinds, 19: 242.
for paving brick, 4: 194.
periodic, heat balance in, 19: 239.
placing, rational piece-work method for, 16: 311.
producer-gas-fired, 2: 38.
producer-gas-fired continuous, in America, 16: 585; 17: 274.
producer-gas-fired continuous, performance of, 14: 778.
recording the operations of, graphic method of, 15: 112.
ring ovens, 17: 531.
rotary cement, exptl., 17: 67.
for salt-glaze firing, relation of grate area to floor area, 9: 736, 739.
for salt glazing, 9:738.
semi-muffle, 2: 50.
settle in brick, measurement of, 7: 409.
settling curves for different styles of, 7: 422.
side down-draft, 9: 116.
slow-burning, for reducing pimpling, 9: 728.
temp. difference in English and American biscuit, 2: 124.

temps. from coal and producer gas, **12**: 93.
terra cotta, **9**: 683, 684, 690.
terra cotta firing in open, **9**: 661.
terra cotta muffle, **9**: 681.
test, designs of, **16**: 431.
time-temp. curves during salting of some oil-fired sewer-pipe, **17**: 314.
tunnel, under-ground, **15**: 682.
up-draft potters', **13**: 385.
waste heat from, **12**: 430.
waste heat, utilization for preheating producer gas, **8**: 394.
for white ware, **5**: 352.
Kiln white. See *Scum.*
Klingenberg clay, **19**: 607, 609.
Kryptol, **7**: 454.

Labor, bonus system for, **16**: 264.
Laboratory, for clay-testing research, **9**: 753.
Geophysical, **15**: 49.
Labradorite, analyses of fresh and weathered, **13**: 383.
Laws, physicochemical, applied to silicates, **9**: 459.
Lead, detn. in enamel, **12**: 154.
effect on chromium-tin pink, **4**: 236.
effect on color of uranium oxide glazes, **8**: 216.
frits and their adaptation to pottery glazes, **4**: 200.
in mat glaze, **5**: 56.
in spitting out, **9**: 497.
waste materials contg., as glaze ingredients, **17**: 779.
Lead acetate, formula and mol. and equiv. wts. of, **2**: 205.
Lead carbonate, formula and mol. and equiv. wts. of, **2**: 205.
in glazes, compared to lead oxide, **17**: 474.
Lead chromate, coloring with, **11**: 49.
effect of various kinds on chrome-tin pinks, **11**: 256.
formula and mol. and equiv. wts. of, **2**: 202.
as indicator for acid and basic fluxes, **11**: 528.
as indicator for acidity or basicity in borosilicate fusions, **12**: 689.
Lead compounds, requirements as pottery materials, **12**: 445.
Lead glass. See *Glass.*
Lead glazes. See *Glazes.*
Lead ores, in ceramics, **4**: 131.
Lead oxides, dielec. const. of, **13**: 476.
effect on copper oxide glazes, **4**: 278.
effect on enamels, **13**: 526.
effect on fusibility of fritted glazes, **19**: 652.
fluxing power of, **13**: 509.
formulas and mol. and equiv. wts. of, **2**: 206.
as glaze ingredient, **17**: 779.
in glaze manuf., **19**: 442.
in glazes, compared to lead carbonate, **17**: 474.
reaction with flint and asbestos under steam pressure, **15**: 129.
substitutes for, in glazes, **3**: 113.
Lead poisoning, **4**: 131, 200; **7**: 274; **11**: 374.
Lead silicate, formed under steam pressure, **15**: 130.
resistance to abrasion, **17**: 524.
Lead sulfate, as glaze ingredient, **17**: 779.
Leucite, in mat glaze formation, **14**: 674.
melting point of, **9**: 431.
soly. of, **13**: 346.
Lignite, briqueting, **12**: 71.
Lime, action of sulfur on, in kiln, **2**: 34.
additions of, to an earthenware body, **8**: 147.
analysis of, **9**: 794.
in bottle glass, **15**: 709.
in Bristol glazes, **4**: 71.
in clay, amt. permissible, **14**: 218.
crucibles, **14**: 482.
detn. in enamel, **12**: 148.
detn. of free, in cement, **5**: 82.
dielec. const. of, **13**: 476.
discoloration of terra cotta enamel by, **14**: 641.
effect of high, on terra cotta glazes, **14**: 848.
effect on changes in the porosity and the sp. gr. of some clays, **10**: 314, 345, 352.
on china bodies, **11**: 494.
on chromium oxide as coloring agent in mat glaze, **16**: 248.
on color produced by iron in glazes, **4**: 77; **8**: 368.
on cracking clays, **17**: 497.
on cupric oxide glazes, **4**: 278.
on dielec. strength of porcelain, **14**: 582, 586.
on enamels for steel, **11**: 140, 151.
on fusibility of fritted glazes, **19**: 652.
on opacity of glazes, **13**: 559, 572, 573.
on orthoclase and albite, **18**: 614.
on point of dehydration of clay, **4**: 146.
on salt glaze, **4**: 228.
on setting of plaster of Paris, **18**: 180.
on shale, **16**: 201.
on warpage of roofing tile clays, **12**: 823.
expansion on wetting, **14**: 225.
firing temp. of limestones, **13**: 618.
firing with superheated steam, **2**: 31.
as flux in ceramic mixts., **13**: 84.
fluxing value of, compared to RO bases, **11**: 81.
free, in portland cement, **7**: 277.
furnace (elec. shaft) for manuf. of, **7**: 149.
fusibility of mixts. with potash, alumina and silica, **17**: 672.
fusion curve of mixt. with feldspar, **10**: 262.
in glass manuf., **11**: 308.
in glass of the type of $RO.3SiO_2$, variation of, **17**: 236.
in glazes, **3**: 113.
heat of fusion of, **19**: 195.
hydrated, lime detn. in, **17**: 726.
hydration of, fired at different temps., **16**: 313.
hydraulic value of, compared to magnesia, **4**: 271.
limit of free, allowable in cements manufd. by dry process, **6**: 155.

in mat glaze, 8: 56.
phys. tests of Iowa, 8: 228.
plasticity of, measurement of, 19: 523.
popping of, 15: 659.
proportion of, for mortar, 16: 151.
ratio to ferric oxide in slag, 15: 550.
ratio to soda for soda-lime glass, 16: 115.
reaction with clay, 5: 141; 7: 279.
reaction with clay and quartz in cement manuf., 5: 94.
reaction with minerals of clay, 4: 274.
reaction with quartz and feldspar, effect of grain size on, 3: 59.
for sand brick, allowable impurities in, 5: 168.
sand-carrying capacity of, 19: 527.
slaking to dry powder, app. for, 4: 176.
in slips for sanitary ware, 15: 480.
soln. in calcium silicate, 17: 72.
surface tension of glaze, increase by, 14: 678.
system: alumina–silica–lime, 17: 68.
system: silica–alumina–lime–potash, 1: 489.
technology of, industry, 8: 266.
titration of, in presence of aluminates or silicates, 17: 720.
viscosities of pastes, 15: 411.
in window-glass mixt., 17: 227.

Limestone. (See also *Calcium carbonate.*)
compn. of fresh and weathered, 13: 357, 359, 383.
firing temp. of, 13: 618.
in glass manuf., 12: 327.
granular, behavior in burned clay, 14: 218.
high temp. and, 14: 643.
melting range of mixts. with clay, 15: 547.
reactions with materials used in glass manuf., 14: 644–51.
reaction with arsenious oxide, 15: 587.
reaction with sand and soda ash, 15: 588.
reaction with sand, soda ash, saltcake, common salt, charcoal and white arsenic, 15: 589.
-shale slags, constitution of, 15: 562.

Limonite, mixt. with flint, effect of steam pressure on, 15: 128.

Linings, die, 14: 554.
flint blocks *vs.* wooden blocks for cylinder, 10: 133.
furnace, 8: 302.
furnace, graphite for, 14: 481.
furnace, of spinel, 19: 408.
for rotary cement kilns, 15: 728.

Liquid, definition of, 13: 668.

Literature, abstracts of ceramic, 7: 148, 274, 453; 9: 794.
of American Ceramic Society, 2: 18; 6: 26; 7: 42; 10: 47; 11: 45; 12: 616; 15: 47.
ceramic, 14: 57.
copyrighting of Trans. Am. Ceram. Soc., 9: 49.
Seger's "Gesammelte Schriften," 1: 96.

Load, action of refractories under, 7: 185, 201, 448, 450.
behavior of fire bricks under, 12: 337; 13: 210.
fitness of sagger bodies for, 7: 201.

Load test, for fire brick, 19: 498.
on magnesite, chrome and silica brick, 14: 391.
for quality of fire clay, 17: 120.
for refractory clays, 19: 250.

Lubricants, effect on flow of clay through dies, 11: 417.

Lubrication, of die for dust-pressed ware, 14: 558.
of die linings, 14: 554.

Luster, 7: 166.
metallic, 9: 794.
metallic, on ceramic and glass ware, 7: 274.

Magnesia, action in Seger cones, 11: 616.
brick, melting point of, 15: 171.
crucibles, shrinkage of, 6: 90, 91.
deformation study of MgO-Al_2O_3-SiO_2 mixts., 19: 453.
detn. in enamel, 12: 148.
dielec. const. of, 13: 476.
effect on bottle glass, 15: 712.
on china bodies, 11: 494.
on chromium oxide as coloring agent in mat glaze, 16: 248.
on clay, 5: 130; 6: 86.
on color of soda-lime glass, 13: 257.
on color produced in glazes by iron, 4: 77.
on copper oxide glazes, 4: 278.
on fusibility of fritted glazes, 19: 652.
on glazes, 8: 364.
on orthoclase and albite, 18: 614.
on underglaze chromium colors, 15: 123.
on warpage of roofing-tile clays, 12: 822.
as flux for china body, 11: 525, 527.
as flux for enameled-brick glaze, 5: 264.
formula and mol. and equiv. wts. of, 2: 206.
in glass, 11: 616; 12: 607.
in glass, increase of stability by, 15: 605.
in glass manuf., 11: 308; 12: 327, 335.
in glass of the type $RO.3SiO_2$, variation of, 17: 236.
in glazes, 3: 113; 4: 76.
heat of fusion of, 19: 195.
hydraulic value of, compared to lime, 4: 271.
melting point of, 15: 173.
opacifying effect of, compared to that of zinc oxide, 11: 611.
prepn. for refractories, 14: 483, 485.
reaction with cobalt oxide to produce red-violet, lavender, or pink color, 14: 775.

Magnesite. (See also *Magnesium carbonate.*)
brick, effect on cone with fire-brick on other side, 3: 189.
brick, load test, 14: 391; 19: 501.
deposits of the Grenville Dist., Quebec, 19: 254.
as flux, 5: 131.
as furnace lining, 8: 302.
for pyrometer tubes, 15: 618.
as refractory material, 14: 485.
system: feldspar–magnesite, 18: 575.

Magnesium, in terra-cotta glazes, 14: 840.

Magnesium aluminate, production of, 19: 397.

Magnesium carbonate. (See also *Magnesite.*)
in bodies for inverted mantle rings, **14**: 416.
dissociation temp. of, **13**: 637.
formula and mol. and equiv. wts. of, **2**: 206.
Magnesium oxide. See *Magnesia.*
Magnesium silicates, formed under steam pressure, **15**: 130.
heats of hydration of, **5**: 96.
Magnesium sulfate, effect on alkalinity of glaze, **11**: 374.
effect on drying behavior of clay, **17**: 708.
scum caused by, **17**: 200.
in sea water, effect on concrete, **11**: 71.
soly. of, **8**: 255.
Magnet, iron removal from slip with, **12**: 177, 179.
Majolica, body, range in compn. of, **13**: 89.
faience *vs.*, **6**: 109.
glaze for, from lead silicates, **4**: 204.
glazes for, **13**: 325.
Malachite-green, absorption by clays, effect of electrolytes on, **16**: 516, 526.
for detn. of colloids in clay, **11**: 542.
Manganese, alumina pinks, **16**: 356.
crystn. from silicate fusion contg., **19**: 692.
as a decolorizer for soda-lime glass, **13**: 251.
detn. in enamel, **12**: 147, 149, 152.
effect on powder blue, **13**: 253.
effect on ruby color in glass, **16**: 304.
in glass tank-furnace operation, **19**: 331.
in glass when used as a decolorizer, chem. condition and factors of furnace conditions affecting it, **19**: 370.
Manganese carbonate, formula and mol. and equiv. wts. of, **2**: 206.
Manganese chloride, effect on color and flashing of brick, **17**: 770.
Manganese oxide, analysis of, **12**: 162.
in crystal glaze, **10**: 190.
as crystallizing agent in glazes, **9**: 351.
formula and mol. and equiv. wts. of, **2**: 206.
in glazes (unfritted), **2**: 133.
as ground coat for sheet-iron enamel, **18**: 343, 896.
in window-glass mixts., **17**: 229.
Manganese silicate, **12**: 690.
thermoelec. phenomena in, **17**: 218.
Manganese sulfate, underglaze color production by, **16**: 487.
Manganite, reaction with flint under steam pressure, **15**: 128.
Marble, adsorption by, **7**: 279.
as flux in porcelain manuf., **10**: 265, 288; **11**: 192, 198.
Marquardt porcelain, **19**: 397.
Maryland clays, **12**: 247; **14**: 254, 320; **19**: 421.
Mat glazes. See *Glazes.*
Matness, alumina and, **5**: 58.
cause of, **14**: 672, 682, 701; **15**: 413, 591, 628.
oxygen ratio and, **13**: 613.
relation to compn. and temp., **19**: 316, 322.
Maurilite, for granite-imitation glaze, **14**: 246.
Measures, uniform, establishment of, **9**: 49.
Melting. (See also *Fusion.*)
definition of, **13**: 668.
glass, effect on phys. properties of conditions of, **11**: 313.
Melting point. (See also *Softening point.*)
of clay, effect of magnesia on, **6**: 86.
of clay, relation to refactory behavior, **12**: 338.
definition of, **13**: 76.
deformation eutectics and, **13**: 668.
deformation point and, **13**: 576, 578.
detn. of, of fire clay, **17**: 100.
detn. of, of glaze and glass silicates of the porcelain type, **11**: 80.
eutectic, effect on deformation of Seger cones, **13**: 580.
of pyrometric cones under various conditions, **14**: 849.
of refractory materials, **15**: 167.
of silicate mixts., lowering of, **9**: 438.
of silicates, **5**: 232; **9**: 429.
of single and mixed silicates, **7**: 275.
Metal, enameling, **13**: 514.
lusters, **9**: 794.
mottling of enamels on, **13**: 489.
precipitation of, as mirrors, **17**: 508.
Metal filings, lubricants for dust-pressed ware and, **14**: 559.
Metallurgy, classification of silicates, **3**: 69.
spinel products in, **19**: 408.
Metal pipe test, **12**: 312.
Mica, **2**: 98.
chem. structure of, **14**: 340.
in clay, effect of, **2**: 99.
compn. of, **4**: 256.
effect on deformation point and color of feldspar, **14**: 91.
effect on warpage of roofing-tile clays, **12**: 820.
in feldspar, effect on pottery, **12**: 436.
in flint clay, **14**: 345.
fluxing power of, **4**: 255; **5**: 362.
for granite-imitation glaze, **14**: 246.
in kaolin as impurity, **12**: 440.
kaolin formation from, **13**: 53, 72; **14**: 346.
melting point of, **9**: 431.
mixts. with feldspar, deformation points of, **14**: 87.
predominance of muscovite in clay, cause of, **5**: 362.
in rational analysis of clays, **2**: 96.
removal from kaolin, **14**: 468.
sepn. from other common minerals of clays, **11**: 468.
soly. of, **13**: 346.
Microcline, **15**: 145, 382.
soda, **15**: 147.
Micrometer, calibration of, **13**: 439.
Microscope, in ceramics, **4**: 39, 44.
for mechanical analysis of clays, **11**: 470.
shale examn. by, **18**: 851.
in silicate analysis, **15**: 53.
in silicate study, **5**: 233.
Microscopy, of feldspar, **15**: 381.

of porcelain, **18**: 377.
Milk, effect on glaze, **11**: 373.
Mill, ball, for mixing frit, **2**: 130.
continuous tube, **13**: 329, 332.
tube, grinding quartz sand in, **6**: 164.
Milling. See *Grinding.*
Mineralogy, classification of silicate, **3**: 67.
of clays, **15**: 326.
in Geophys. Lab. work, **15**: 51.
Minerals, in Geophys. Lab. work, **15**: 50.
soly. of, **13**: 338.
Mining. See *Clays;* etc.
Minnesota clay, **11**: 396, 601; **12**: 507, 509; **15**: 194.
Mirrors, silvering, **17**: 505.
spotted, **12**: 188, 191.
Mississippi clay, **19**: 624.
Missouri clay, **6**: 84, 208; **7**: 330; **9**: 62; **10**: 142, 515; **11**: 396, 602; **12**: 529; **14**: 330, 333, 404, 813; **15**: 184, 270, 345; **16**: 102; **17**: 409, 436; **18**: 546.
Mixing. See *Blending.*
Modulus of rupture, of American bond clays, **19**: 601.
detn. on burned fire clay, **17**: 97.
detn. on fire clay, **17**: 95.
of fire-clay bodies after repeated heating, **18**: 546.
of fire-clay bodies, relation to porosity, **19**: 271, 293.
of fire-clay bodies, relation to surface factor, **19**: 271, 294.
of fire-clay bodies with grog of diff. sizes, **19**: 268.
of fired and unfired fire-clay body, **17**: 411.
of floor tile, **15**: 267.
formula for, **15**: 346.
of Ohio building bricks, **18**: 686.
of plaster of Paris, **18**: 191.
relation to time of slaking, **19**: 632, 634.
Moisture. See *Water.*
Mold boxes, construction of, **2**: 177.
Molding, dental porcelain, **17**: 198.
firebrick shapes, **18**: 83.
refractories, **14**: 251.
Molds, balance sheet showing, on hand at any time, **15**: 388.
clamps for, **16**: 241.
clay, **9**: 193.
cost in white-ware manuf., **2**: 163.
for detg. time of set of calcined gypsum, **19**: 584.
measurement of the time of set of calcined gypsum, **19**: 573.
plaster, **9**: 187.
plaster, manuf. of, **17**: 323.
potters, **12**: 494.
terra cotta, improvements in methods of making, **19**: 585.
thickness of, used in casting slip contg. salts, **16**: 546.
for tubes of porcelain, **19**: 400.
vitrifying action of, **10**: 87.
Molecular attraction, theory of plasticity, **14**: 72; **17**: 616.
Molecular formulas, **3**: 151.
body compn. expressed in, **14**: 376.
calcn. of, **2**: 211.
percentage compn. calcn. from, **2**: 217.
Molecular ratios, **3**: 74.
Molecular volume, change on fusion, **10**: 293.
effect of changes in, on strength of porcelain, **10**: 283.
of porcelain, **10**: 289.
Molecular weights, of solids, **4**: 210.
of substances used in the ceramic industries, **2**: 200.
Montana clays, **14**: 602.
Mortar, cement, destruction by absorption of sulfuric acid from bricks, **7**: 281.
cement, to which varying amts. of lime paste have been added, **6**: 163.
effect of consistence and amt. of sand on properties of lime, **16**: 151.
plasticimeter for, **19**: 523.
popping of lime, **15**: 658.
sand requirement for, detn. of, **19**: 527.
setting rate of lime, **16**: 117.
swelling of plaster, **7**: 281.
Mottling, enamels on metal, **13**: 489.
Mount Savage clays, **19**: 248.
Muffles, for crystal glazes, **10**: 208.
manuf. of, **12**: 54.
zinc, changes in, **7**: 277.
Muscovite. See *Mica.*

National Brick Manufacturers' Association, **2**: 16; **7**: 41.
Nepheline, melting point of, **9**: 431.
soly. of, **13**: 346.
New Jersey clays, **2**: 190, 191; **5**: 362; **6**: 38, 79, 141; **7**: 38, 87; **8**: 364; **10**: 142; **11**: 217, 396, 601; **12**: 142, 228, 774; **14**: 332; **16**: 162; **17**: 310, 458; **18**: 546; **19**: 612, 635.
New York clay, **11**: 602; **17**: 250; **18**: 242.
New York shale, **11**: 447.
New York State School of Clay Working and Ceramics, **16**: 371.
Nickel, colored glaze from, **16**: 356.
Nickel nitrate, underglaze color production by, **16**: 487.
Nickel oxide, colors produced by, in ceramic mixts. contg. zinc, **14**: 143.
effect on adhesiveness of ground-coat enamels, **14**: 761.
formula and mol. and equiv. wts. of, **2**: 207.
as ground coat for sheet-iron enamel, **18**: 343, 896.
mixt. with flint, effect of steam pressure on, **15**: 129.
Niter. See *Potassium nitrate.*
Nitric acid, action on enamel, **17**: 140.
Nitrogen, detn. in enamel, **12**: 166.
Nomenclature, ceramics, definition of, **6**: 115; **19**: 72.
of clays, **14**: 815.
faience *vs.* majolica, **6**: 109.
of floor tiles, **17**: 484.
legal definition of vitrification, **16**: 497.

promenade tile, **14**: 162.
of sanitary ware, **12**: 306.
of silica refractories, **14**: 483.
silicate engineering *vs.* ceramic engineering, **15**: 373.
of silicates, **3**: 65; **13**: 130.
for transparency measurements, **17**: 157.
use of common *vs.* scientific names, **3**: 163.
"weathering" of clay, **19**: 123.
Normative system, Bristol glazes compounded on basis of, **18**: 424, 900.
calcn. of ceramic mixts. from, **13**: 126, 139, 145.
for glaze calcns., **15**: 628.
glaze compn. on basis of, **14**: 95.
three-component, in raw lead glazes, **19**: 312.
North Carolina clay, **3**: 45; **6**: 35, 38, 48; **10**: 395; **12**: 228, 389, 548, 628, 722; **13**: 247; **14**: 377, 709, 820; **15**: 527; **16**: 136, 281, 478, 543; **17**: 84, 336, 345, 348, 364, 365, 366, 368, 369; **18**: 385, 619; **19**: 141, 636.
North Dakota clay, **11**: 396, 602.
Nova Scotia red shale clay, **12**: 142.

Obituaries, Ashley, Harrison Everett, **13**: 47.
Coulter, Leonard B., **19**: 65.
Denmead, Walter A., **19**: 64.
Golding, William, **3**: 226.
Howard, F. T., **16**: 48.
Maddock, Archibald Middleton, **13**: 48.
Ogan, Mark, **14**: 51.
Ogden, Lester, **16**: 48.
Pass, James, **16**: 49.
Peppel, Samuel Vernon, **14**: 50.
Simonis, Max, **11**: 41.
Stanbery, George A., **12**: 40.
Taylor, Edward R., **14**: 50.
Taylor, William Watts, **16**: 49.
Weelans, Charles, **19**: 64.
Youngren, Peter L., **11**: 42.
Zimmerman, C. Irving, **12**: 39.
Ohio clay, **1**: 80; **4**: 212, 215; **5**: 295; **10**: 301, 514; **11**: 445; **12**: 228, 240, 250, 507, 509; **14**: 254, 302; **15**: 72, 194, 528, 547; **16**: 281, 571; **17**: 250, 450, 464; **18**: 450, 473, 546; **19**: 611, 619, 620.
Ohio shale, **15**: 570.
Oil. (See also *Petroleum.*)
for die greasing in the manuf. of dust-pressed ware, **14**: 558.
in dust-pressed ware, **12**: 200.
Oligoclase, analyses of fresh and weathered, **13**: 383.
Olivine, soly. of, **13**: 346.
Opacifiers, antimony compds. as, in enamels, **17**: 173.
apatite as, **19**: 125.
bone ash as, **10**: 243.
for enamels for cast iron, **14**: 741.
fluorides as, **16**: 577.
magnesia *vs.* zinc oxide, **11**: 611.
for soda-lime glass, kaolin and alumina as, **13**: 256.
tin oxide as, for steel enamels, **14**: 509.

Opacity. (See also *Transparency.*)
boric oxide effect on, **10**: 225.
effect of substitution of china clay for English ball clay on, **6**: 207.
of enamel for cast-iron sanitary ware, **9**: 647.
of glaze, **5**: 146.
glaze compn. and, **14**: 104.
of glazes, **5**: 164, 165.
of glazes, effect of clay on, **13**: 581.
increasing by substituting zinc oxide for barium oxide, **10**: 241.
opalescence and, **12**: 137.
of porcelain glazes, influence of various constituents on, **13**: 571.
of stoneware glazes, **13**: 565.
of terra cotta glazes, **9**: 597; **17**: 395.
zinc content and, **14**: 846.
Opalescence, in boric oxide glaze, **10**: 171.
due to slow cooling of glass, **16**: 111.
of fritted glazes, **9**: 178.
function of boric oxide in the glaze and, **12**: 129.
of glazes, **18**: 827.
production by colemanite, **10**: 242.
production of, in highly acid glazes, **11**: 262.
of silicates, **9**: 458.
Opalite, tile set in cement, crazing of, **7**: 86.
Optical properties, in study of silicates, **5**: 235.
Oregon clay, **15**: 644.
Oregon School of Mines, dept. of ceramics in, **16**: 244.
Organic substances, burning out of clay by prehcating, effect of, **13**: 783.
plasticity of clay and, **17**: 616.
Orthoclase. See *Feldspar.*
Oven, lab., for study of the drying of clays, **16**: 409.
material for, **19**: 535.
Overfiring. See *Firing.*
Oxalic acid, deflocculation of clay by, **12**: 788.
mixt. with sodium silicate as agent for producing fit between enamel and body, **18**: 164.
Oxidation, air used for combustion in oxidizing burn, **2**: 83.
of clay, **9**: 213.
flame, **2**: 89.
by oil firing, **14**: 810.
Oxides, melting points of refractory, **15**: 169.
Oxygen ratio, **13**: 612.
alumina content and, **14**: 68.
in cryst. glazes, **9**: 405.
in fritted glazes, **9**: 95.

Painting, porcelain (under-glaze), **7**: 51.
Paints, ceramic materials in, **18**: 138.
for dryer cars, tests of, **17**: 736.
Paper, ceramic materials in, **18**: 138.
clays, testing of, **14**: 571.
Paving, construction of, **16**: 369.
Paving blocks. See *Brick.*
Paving brick. See *Brick.*
Pearl ash. See *Potassium carbonate.*
Peeling, body influence on, **13**: 612.
effect of increase of silica on, **7**: 60.

of sanitary ware, **15**: 474.
on terra cotta, **19**: 209.
Pegmatites, in Georgia, **17**: 372.
impurities in, **14**: 439.
Pennsylvania clay, **4**: 50; **6**: 38; **12**: 242, 245, 252, 257, 786; **14**: 254, 309, 313; **15**: 72, 194; **16**: 281, 478; **17**: 250, 450, 464, 586, 588; **18**: 57.
Petroleum, firing ceramic wares with, **14**: 801.
firing kilns with crude, **10**: 175.
firing sewer-pipe kilns with time-temp. curves during setting, **17**: 314.
as fuel for kiln, **1**: 43.
as fuel in pottery, **15**: 661.
Phase rule, **9**: 456.
Philippine clays, **14**: 726.
Phonolite, compn. of fresh and weathered, **13**: 350, 384.
Phosphoric acid, detn. in enamel, **12**: 154.
dielec. const. of, **13**: 476.
effect on body mixts., **8**: 236.
Photometer, **17**: 151.
Photometric sensibility, **13**: 111.
Physical chemistry, of fusing silicates, **9**: 419.
methods in detn. of structure of silicate mixts., **5**: 232.
Physics, in Geophys. Lab. work, **15**: 51.
Pickling, reactions of, **13**: 489.
Pimpling, prevention by oxidation of iron, **9**: 739.
surface, on salt-glazed sewer pipe, **9**: 726.
Pinholing, **2**: 185; **5**: 346; **9**: 180; **11**: 527.
in bone china, **12**: 180, 183.
in Bristol glazes, **4**: 75.
in enamel brick, **12**: 715, 763, 764.
of glazes, **17**: 165.
in glazes made from litharge, **17**: 482.
on terra cotta, **19**: 209.
in terra cotta glazes, effect of silica and alumina on, **18**: 311.
Pinks. See *Colors*.
Pipe. See *Sewer pipe*.
Pitch, as binder for fuel briquets, **12**: 74.
Plagioclase, **15**: 147.
soly. of, **13**: 346.
Plaster, Estrich—see *Estrich plaster*.
manuf. for molds, **12**: 495.
mortars, swelling of, **7**: 281.
plasticity of, **19**: 523.
Plaster of Paris. (See also *Calcium sulfate; Gypsum*.)
firing, **7**: 151.
molds, **9**: 187.
molds, manuf. of, **17**: 323.
pail, washing app. for, **16**: 240.
pottery, **10**: 76.
setting of, **10**: 80.
setting of, influence of variations in water addition, lime addition and temp. on, **18**: 180.
setting time of, measurement of, **19**: 573.
terra cotta mold making, **19**: 585.
testing, **9**: 59; **18**: 188.
transverse test applied to, **16**: 98.
Plasticimeter, **19**: 523.
Plasticity, **2**: 101; **3**: 219; **10**: 389; **11**: 412, 551; **14**: 71.
aging of clay mixts. and, **4**: 183.
bacteria and, **3**: 176, 179; **6**: 51, 63, 77.
colloids and, **8**: 189; **11**: 530, 590; **12**: 801.
colloid theory of, **6**: 65.
definition of, **14**: 71; **16**: 65.
deformation of plastic bodies under compression as a measure of, **17**: 612.
development in nature, **11**: 582.
development in presence of water, **11**: 574.
effect in dust-pressed wares, **12**: 196.
effect of acids and alkalies on, **14**: 828.
effect of grinding in water on, **12**: 177.
effect of tannin and other org. compds. on, **6**: 32, 231, 258.
effect on manuf. of stoneware slips, **4**: 51.
glaze defects and, **13**: 175.
grog and, **7**: 137.
of gypsum-clay mixts. at high temp., **13**: 703.
in hollow-ware manuf., **19**: 479.
hydroxyl theory of, **11**: 536.
increasing, by aging, **3**: 176.
increasing, in clay, **14**: 403.
loss by heating clay, **14**: 716.
lubricants for dies for plastic bodies, **14**: 569.
measurement of, **7**: 397; **11**: 541; **16**: 485; **17**: 639; **19**: 523.
measurement of, by Atterberg method, **16**: 472.
measurement of, on fire clay, **17**: 93.
measuring by tensile strength, **6**: 82, 83, 84.
mechanics of, **16**: 393.
mica and, **2**: 99.
preheating of clay and, **11**: 392; **13**: 781; **14**: 813, 814.
production by re-use of water from clay press, **11**: 365.
relation to shape and condition of clay particles, **7**: 43.
restoration of, to pottery scrap clay, **16**: 96.
review, **16**: 65.
sol. salts and, **11**: 594, 595.
sticky, of clay, correction of, **13**: 769.
surface tension and, **12**: 560.
tests of clays, **16**: 282.
theories of, **11**: 536; 555; **12**: 814; **14**: 72, 77; **16**: 65; **17**: 616.
variation with interstitial water, **3**: 34.
viscosity and, **11**: 596; **12**: 384.
washing and, **3**: 178.
water of, effect of preheating on, **12**: 508.
water of, of some American bond clays, **19**: 601.
water required for, **12**: 826; **17**: 411.
weathering and, **14**: 406.
Platinum, black glaze from, **16**: 355.
melting point of, **15**: 173.
specific heat of, **14**: 397.
Plumbism. See *Lead poisoning*.
Poisoning. (See also *Lead poisoning*.)
by barium compds., **8**: 264.
Polarization, in silicates, **17**: 220.
Polishing powder, clay for, in Missouri, **9**: 91.

Porcelain. (See also *Belleek ware.*)
absorption test on plates, **12**: 318.
ball clays and, **18**: 93.
body, crazing and shivering of, **1**: 85.
factory for, **13**: 238.
fineness of material used in, **10**: 140.
influences of calcium and iron chlorides pptd. in, **16**: 127.
range in compn. of, **13**: 86.
temp.-porosity-vol. changes of some, **19**: 636.
viscosity of, **15**: 328; **17**: 130.
casting, for elec. purposes, **17**: 629.
chem., **13**: 459, 585, **18**: 88, 871.
china and, **3**: 19.
colored, glazes at cone 10, **16**: 347.
color of American and European, **10**: 103, 104.
color of American, improvement of, **12**: 122.
color of, relation to kiln atm., **3**: 216.
compression tests on, base, **17**: 431.
constitution and microstructure of, **18**: 377, 899.
cryst. structure in, **11**: 185.
definition of, **12**: 307.
dental, **2**: 192; **17**: 190.
dielec. strength of, effect of temp. on, **13**: 469; **14**: 280.
dielec. strength of, relation to softening temp., **14**: 278.
dielec. strength of some, **14**: 575.
drying thick, **11**: 389.
dry-pressed, **15**: 739.
elec.—see also *Insulators, electrical.*
elec., **9**: 600; **10**: 540, 543; **14**: 267; **18**: 133.
absorption by, allowable percentage of, **13**: 107.
compn. of, **4**: 86.
effect of feldspar on dielec. strength of, **13**: 456.
effect of humidity on drying behavior, **19**: 538.
porosity of, **18**: 901.
pugg mills for, **11**: 343.
range in compn. of, **13**: 93, 96.
elec. cond. of, mixt. on heating, **17**: 421.
English, birth of, **3**: 142.
European, **17**: 356.
expansion coeff. (lineal) of, **11**: 84.
expansion coeff. of body mixts., **15**: 499.
expansion coeffs. of, from European materials, **13**: 406.
feldspar, comparison of potash and soda, **11**: 179, 198.
feldspathic earthenware and, **13**: 259.
feldspathic, relation between compn. and density of, **15**: 285.
fire clay, **12**: 309.
fire-proof, **9**: 637.
flux for, action of the diff. forms of calcium as, **10**: 265, 288.
flux for, Cornwall stone *vs.* feldspar, **10**: 97.
glaze, effect of clay on fusibility of, **18**: 515.
glazes, **13**: 550.
glazes, deformation temps. of some, **16**: 454.
glazes, influences of variable silica and alumina on, of const. RO, **14**: 62.
insulator design, **18**: 203, 879.
insulators, kiln for firing, **18**: 118.
magnesia and, **6**: 87.
magnesia in, **5**: 131.
manuf. at low temp., material for, **3**: 34.
Marquardt, production of, **19**: 397.
melting point detn. of, silicates, **11**: 80.
mixed potash-soda feldspars in, **16**: 212.
"mol. wts." of various, **17**: 69.
of national importance, **19**: 81.
painting (under-glaze), **7**: 51.
possibilities of, in the United States, **2**: 180.
properties, factors in, **14**: 375, 381.
pyrometer tubes, manuf. of, **18**: 268.
red, of Chinese and Japanese, **5**: 112.
Seger, with materials accessible to Am. potters, **8**: 114.
shrinkage of, **4**: 57.
shrinkage prevention by means of flint, **4**: 59.
skeleton, density of, **10**: 284.
steatite-contg., **18**: 488.
strength of, effect of compn. on, **13**: 395.
strength of, effect of sealed cavities and change in mol. vol. on, **10**: 283.
structure of, **10**: 291.
toughness of, relation to compn., **7**: 370.
vesicular structure of, **15**: 79.
vitrification range and dielec. strength of some, **12**: 628; **13**: 704.
water pipes, **7**: 274.
Pores, feldspar content and, **13**: 456.
of fire-clay bodies after repeated heating, **18**: 546.
flow through, rate of, **9**: 559.
in porcelain, effect of firing temp. on, **18**: 405.
sealed, development in porcelain, **10**: 290.
formula for calcg., **10**: 287; **15**: 73.
measuring vol. of, **11**: 60.
in porcelain, **10**: 283.
size of, relation to strength of brick, **11**: 73.
space developed in firing, detn. of, **17**: 97.
space in clays burned to several temps., **15**: 72.
vol. of, detn. of, **17**: 463.
Porosity. (See also *Absorption; Vesicular structure.*) **9**: 700.
absorption and, **9**: 707.
of American bond clays, **19**: 601.
of bodies of quartz and clay substance, effect of increasing quartz content on, **7**: 148.
of bricks, **7**: 278.
calcium carbonate and, of shale, **16**: 203.
calcn. of, **9**: 211.
of ceramic bodies with mica flux, **4**: 263.
changes on heating of clay, **12**: 237, 242, 245 247, 250.
of china bodies, effect of various oxides on, **11**: 494.
classifying clays by changes in, **9**: 206.

of clay, effect of tannin, etc., on, 6: 46, 231.
of clays given a preliminary heat treatment, 11: 396.
of clays heated to diff. temps., 15: 74.
of clays, influence of fluxes and non-fluxes on the change in, 10: 293.
compn. and, 13: 481.
compression of clay and, 16: 197.
crushing strength and, 12: 564; 14: 292.
decrease in, compared to rate of warpage and shrinkage, 17: 121.
decrease of, by whiting and fluorspar, 8: 153.
detn. of, 9: 556; 12: 314; 13: 103; 18: 444, 901.
detn. of apparent, of fire clay, 17: 97.
detn. of, importance of, 9: 712.
detn. of, red ink test for, 12: 311.
detn. of, satg. clay trials for, 18: 73.
detn. of, selection of trial piece for, 9: 712.
differentiation of, due to communication between spaces and to bubbles, 16: 512.
of dust body, effect of pressure on, 17: 463.
of dust-pressed tiles, 19: 94.
effect of, of body and the moisture content of the glaze in the application of mat glazes, 19: 428.
effect on chem. porcelain, 18: 595.
effect on resistance of brick to frost, 9: 528.
effect on setting rate of lime mortar, 16: 117.
elasticity modulus and, of burned clay, 17: 464.
expansion coeff. and, 15: 500.
feldspar content and grain size and, 13: 741.
of fire brick, 12: 345; 13: 609.
of fire-clay bodies after repeated heating, 18: 546.
of fire-clay bodies fired to various cones, 17: 411.
of fire-clay bodies with grog of diff. sizes, 19: 268.
of fire-clay, effect of water on, 17: 440.
firing temp. and, 16: 228.
flint and clay content and, 13: 456.
of flint fire-clays, 10: 365.
formula for, 9: 211, 707; 13: 629, 693.
grain size of grog and, 7: 140.
heat cond. and, 6: 128.
increase of, in gypsum-clay mixts. at high temp., 13: 703.
of kaolin, effect of varying sizes and percentages of quartz grains upon, 12: 548.
limits of, in porcelain and feldspathic earthenware, 13: 261, 270.
phenomena of simultaneous decrease in vol., sp. gr. and, without loss in wt., 9: 230, 231.
of porcelain, 15: 311.
of porcelain, relation to feldspar-flint content, 12: 636, 655.
of porcelain, temp. and, 12: 636, 657.
of pottery plaster, effect of retarders and accelerators on, 17: 325.
preheating and, 12: 508.
reduction of, of a porous mass by the addition of non-porous particles, 12: 561.
relation to burning temp. of clay alone and of bodies containing grog, 19: 269.
relation to freezing and sodium sulfate tests, 18: 683.
relation to modulus of rupture of fire-clay bodies, 19: 271, 293.
relation to temp. in American bond clays, 19: 604.
of roofing-tile clays, 12: 835.
of roofing tile of America, 8: 154.
of shales, relation to temp., 18: 842.
of silica brick, effect of heating, 19: 83.
of silicates, 9: 424.
of slips, 12: 767.
temp.-, curve, 13: 388, 390.
temp.-, curve of lime burnt at different temps., 13: 637.
temp.-, relation of a clay prepd. in the plastic and in the moist condition, 15: 570.
temp.-, relations of fire-clay, shale, and surface-clay mixts., 17: 450.
temp.-,-vol. changes of some porcelain bodies, 19: 636.
of terra cotta, relation to strength, 11: 72.
as test for quality of fire clay, 17: 120.
time of heating and, 15: 194.
in translucent body, 7: 149.
viscosity and, 18: 931.
warpage and, 12: 853, 860.
of Zettlitz kaolin, effect of heating on, 7: 148.

Porphyry, analyses of fresh and weathered, 13: 384.
as flux in vitreous tesserae, 7: 104.

Potash, in Bristol glazes, 4: 68.
effect on copper oxide glazes, 4: 278.
effect on fusibility of glazes, 14: 848.
in elec. porcelain, 9: 601.
in enamels for steel, interchangeability with soda, 11: 140, 151.
extn. of, from orthoclase, 8: 187.
from feldspar, 13: 683.
in mat glaze, 5: 56.
system: silica–alumina–lime–potash, 15: 489.

Potassium carbonate, analysis of pearl ash, 12: 164.
formula and mol. and equiv. wts. of, 2: 207.
stony glass and, 17: 760.

Potassium chloride, as cause of stones in glass, 18: 544.

Potassium dichromate, effect of varying amts. of, on plaster, 17: 326.
formula and mol. and equiv. wts. of, 2: 207.
volatilization from chrome-tin pinks, 11: 256.

Potassium hydroxide, deflocculating effect of, 16: 544.

Potassium nitrate, analysis of, 12: 165.
effect on color of soda-lime glass, 13: 255.
formula and mol. and equiv. wts. of, 2: 207.
substitution by sodium nitrate in enamels for steel, 14: 508.

Potassium oxide, dielec. const. of, 13: 476.
effect on fusibility of fritted glazes, 19: 652.
fluxing power of, 13: 509.

fusibility of mixts. with lime, alumina and silica, **17**: 672.
in glazes, **3**: 113.
Potassium sulfate, effect of varying amts. of, on plaster, **17**: 326.
soly. of, **8**: 255.
Potential, electric, thermal, in silicates, **17**: 218.
Potentiometer, **19**: 266.
for pyrometers, **18**: 370.
Potter, Am. Ceram. Soc. and its relations to the practical, **3**: 159.
Pottery. (See also *Ceramic ware.*)
casting app. and other improvements, **16**: 235.
cost of, manuf. in the green-room stage, **8**: 108.
decoration, classification of, **6**: 112.
decorative processes, development of, **19**: 449.
fineness of flint in its relation to the manuf. of, bodies, **3**: 17.
firing by pyrometry, **15**: 364.
hydrated silicic acid in kaolin and its effect on, bodies, **3**: 25.
materials, requirements of, **12**: 433.
old ivory finishes on, **19**: 658.
Philippine, **14**: 723.
plant of Van Briggle Pottery Co., **10**: 65.
scientific management and the bonus system as applied to manuf. of, **16**: 264.
Trenton, **2**: 147.
Powder blue, **13**: 253.
Powdering, by colemanite in glazes, **10**: 242.
Power, combination gas and steam, plant, **10**: 396.
consumption of stiff-mud brick machinery, **14**: 632; **16**: 401.
plant for brick manuf, **5**: 23.
from producer gas, **8**: 391.
rope haulage plant combining elec., with gravity, **16**: 216.
Precipitation, of metals as mirrors, **17**: 508.
Presidential addresses, by Barringer, Lawrence F., **19**: 69.
by Binns, Chas. F., **4**: 19.
by Bleininger, A. V., **11**: 45.
by Burt, S. G., **9**: 51; **10**: 45.
by Gates, W. D., **7**: 41; **8**: 37.
by Hice, Richard R., **18**: 57.
by Lovejoy, Ellis, **16**: 53.
by Mayer, Ernest, **5**: 373.
by Parmelee, Cullen W., **17**: 55.
by Richardson, W. D., **8**: 42; **9**: 41.
by Ries, H., **13**: 51.
by Walker, Francis W., **6**: 25; **7**: 33.
by Watts, Arthur S., **15**: 47.
by Wheelans, Chas., **14**: 55.
by Wheeler, Herbert R., **2**: 15.
Presses, brick (dry), **7**: 232.
for briqueting fuel, **12**: 77.
for dust-pressed ware, **12**: 200.
sagger, **11**: 219, 226; **12**: 206.
for sand brick, **5**: 200.
Pressing, refractories, **14**: 251.
tube manuf. by, **19**: 399.
Pressure, draft, graphic study of, **18**: 231.
effect of, applied to a dust body, **17**: 458.
effect of variation of, in the forming of dust-pressed tiles, **19**: 94, 409.
effect on vitrification of clay, **14**: 822.
flow of clay under, **16**: 392.
in hollow-ware manuf., **19**: 479.
hydrous silicates formed under steam, **15**: 125.
in load test for fire brick, discussion on, **19**: 503.
Producer gas. See *Gas (fuel).*
Promenade tile. See *Tile.*
Pseudo-wollastonite, specific heat of, **14**: 397.
Psychrostat, **19**: 544, 548.
Pugging, **11**: 343; **12**: 376; **17**: 448.
effect of, **17**: 622.
Pug mills, **11**: 343; **12**: 377, 378.
for bone-china tempering, failure of, **12**: 177.
Pulverization. See *Grinding.*
Punch, for cutting holes of various kinds, **16**: 238.
Purples. See *Colors.*
Pyrex, **18**: 871.
Pyrolusite. See *Manganese oxide.*
Pyrometers. (See also *Thermocouples.*) **18**: 365.
kiln temp. measurement with, **14**: 852, 867.
LeChatelier, **1**: 23, 30.
optical, errors in use of, **11**: 464.
practical experience with, **1**: 22.
Seger cones and, **6**: 94.
as substitute for Seger cones, **2**: 70.
use in plant operation, **15**: 216.
use of a thermocouple, in a paving-brick plant, **14**: 256.
Wanner optical, **11**: 462.
Pyrometer tubes, corundum, **7**: 149.
Marquardt porcelain for, **19**: 397.
porcelain, manuf. of, **18**: 268.
refractory bodies for, **15**: 606.
talc-contg., **15**: 545.
Pyrometric cones. See *Seger cones.*
Pyrometry. (See also "measurement" under *Temperature.*)
firing pottery by, **15**: 364.
past, present and future, **18**: 684.
thermocouple, **19**: 260.
in window-glass manuf., **17**: 230.
Pyrovolter principle, **19**: 260.

Quartz. (See also *Sand; Silica.*)
analysis of, **12**: 157.
in cement manuf., **4**: 275.
in clay for cement manuf , **3**: 60.
of Colorado, **8**: 101.
deformation behavior of silicates in reference to, **17**: 672.
deformation of mixts. with kaolin and feldspar, **15**: 227.
deformation study of mixts. with feldspar, **15**: 144.
effect of amt. of, on porosity of quartz-clay mixts., **7**: 148.
effect of content of, in feldspar on deformation temps., **15**: 101.
effect of varying sizes and percentages of,

grains upon the porosity and shrinkage of kaolin, **12**: 548.
effect on shrinkage and vitrification of clay substance with increasing temp., **7**: 148.
feldspar-, cones, structure of deformed, **15**: 522.
firing at various temps. in binary and ternary systems with feldspar and kaolin, changes involved in, **13**: 382, 388, 396.
in flint clay, **14**: 323, 326.
function in white earthenware body, **12**: 434.
general discussion of, in connection with paper on glass sands, **19**: 160.
in graphic granites, **15**: 452.
inversion of, **19**: 84.
mixts. with feldspar, deformation points of, **14**: 87.
for pyrometer tubes, **15**: 618.
reaction with lime, effect of grain size on, **3**: 59.
reaction with lime in cement manuf., **5**: 94.
reduction, milling and shipment of, **13**: 326.
sepn. from other common minerals of clays, **11**: 468.
soly. of, **13**: 346.
specific gravity of, effect of heating on, **7**: 148.
specific heat of, **14**: 397.
transition of, **15**: 517, 518.
Quartzite, brick, **14**: 484.
formation from sandstone, **19**: 173.
sp. grs. of raw, **19**: 91.
thermal cond. of, **16**: 382.
Quenching test, for crazing, **18**: 630.
on fire-clay bodies contg. grog of different sizes, **19**: 274, 283, 287, 296.
on saggers, **12**: 288.

Radiation, const. of, of silicates, **9**: 448.
heat loss by, from kilns, **10**: 427, 437, 444; **12**: 103.
heat loss by, in drying brick, **6**: 272.
in tunnel kiln, **19**: 216.
Rational analysis, **8**: 198.
calcn. from analytical data, **2**: 221.
of clays, **9**: 772.
of clays for cement manuf., **3**: 46.
in compounding clay bodies, **2**: 229.
glaze fit and, **14**: 359; **15**: 177.
sulfuric acid as reagent in, **14**: 335.
value of, **13**: 164, 165, 170, 172, 175, 193.
Rattler, **11**: 361.
Rattler test, **12**: 270, 313, 319; **13**: 399, 792; **16**: 200, 406.
absorption test *vs.*, **12**: 273.
on brick from paved streets, **16**: 364.
of china bodies, **11**: 501, 502, 503, 504.
sandblast test and, **14**: 180.
on slag paving brick, **18**: 497; **19**: 520.
as toughness test, **8**: 120.
Reactions. See *Chemical reactions*.
Red ink test. See *Ink test*.
Red lead. See *Lead oxides*.
Reds. See *Colors*.
Reduction, in crystal glazes, **10**: 209.
of ferric oxide, **16**: 136.
in flashing, **2**: 75.
by oil firing, **14**: 810.
prevention of, in firing brick, **16**: 180.
spitting out and, **9**: 498.
Refractive index, of clays, **15**: 323.
of glaze, correlation with other properties, **13**: 612.
Refractories. (See also *Bricks; Clays; Magnesite;* and other specific refractory materials or substances.)
action under load conditions, **7**: 185, 201, 448, 450.
amounts of, having equal effect on fusibility of fritted glazes, **19**: 652.
classification of ceramic materials into fluxes and, **13**: 84.
clay for, in Missouri, **9**: 89.
effect on change in the porosity and the sp. gr. of some clays, **10**: 293.
in elec. industry, **18**: 135.
exhibits at St. Louis Exposition, **7**: 48.
fire-clay, effect of size of grog on, **19**: 268.
furnace for testing refractoriness of, **8**: 301.
glass, clay for, **19**: 601.
for glass manuf., **16**: 101.
for glass-works construction, **8**: 353.
grinding of, before testing, **19**: 534.
grog in, **17**: 409.
heats of fusion of, **19**: 195.
industry, recent developments in, **14**: 480.
Iowa clays for, **17**: 102.
kiln for, **18**: 118.
manuf. of, **18**: 80.
melting points of, **15**: 167.
Raritan River (N. J.) deposit, **2**: 97.
relations between manuf. and properties of, **14**: 250.
requirements of, **6**: 119.
for rotary cement kilns, **15**: 728.
silica, testing quality of, **19**: 93.
special, development of, **15**: 606.
special, need for, **9**: 47.
special, production of, **19**: 397.
strength of, after repeated heating, **18**: 545, 917.
testing under load conditions, **13**: 216.
thermal cond. of silica and clay, **16**: 382.
water content of a fire clay mixt., influence of varying, **17**: 436.
Refractoriness. (See also *Fusibility*.)
alumina and, **5**: 138.
of aluminous clays, **7**: 276.
chem. compn. and, of some Am. fire-brick, **6**: 212.
of clay, limited by silica-alumina eutectic curve, **19**: 310.
of clay, testing, **5**: 228.
detn. by percentages of alumina and fluxes, **7**: 277.
equi-, **13**: 481.
kaolinization and, **14**: 463.
of sand brick, **5**: 220.
standard for, **13**: 134, 146.

talc and, **15**: 544.
test for, **12**: 365.
testing, furnace for, **8**: 353.
"**Refractorite**," **17**: 266.
Research, **10**: 50.
in a factory, **4**: 82.
federal and state coöperation in, **9**: 751.
subjects of Soc. d'encouragement pour l'industrie nationale, **7**: 150.
Retorts, gas, **2**: 189.
gas, refractories for, **7**: 187.
heat cond. of, importance of, **6**: 119.
Rhodonite, crystals from tephroite glass resembling, **19**: 677.
Rings, mending kiln, **17**: 290.
Road materials, colloidal study of, **6**: 74.
Rocks, analyses of fresh, and their residues, **13**: 379.
clay formation from, **13**: 336; **16**: 78.
decompn. and clay formation in the lab., **8**: 180.
disintegration of, contg. quartz, **19**: 163.
kaolin formation from, theory of, **13**: 51.
weathering, bibliography of, **13**: 364.
Roofing tile. See *Tile.*
Rouge flambe, **11**: 53, 59.
Rupture. See *Modulus of rupture.*
Rutgers College, department of clay-working and ceramics at, **5**: 122.
Rutile. (See also *Titanium oxide.*)
coloring power of, compared to pure titanium oxide, **16**: 355.
effect of varying, against flint in glazes, **16**: 342.
in flint clay, **14**: 323, 326.
glaze, **11**: 58.

Saggers, action under load conditions at high temps., **7**: 185.
breakage, **13**: 645.
of carborundum or corundum, **11**: 224.
compn. of mixes for, **18**: 546.
cost in white-ware manuf., **2**: 161.
effect of the size of grog in fire-clay bodies, **19**: 268.
frit prepn. by, cost of, *vs.* kiln method, **9**: 195.
heat cond. of, importance of, **6**: 120.
life of, **11**: 216.
life of, increase in continuous kilns, **18**: 121.
making, **12**: 205; **17**: 256, 446.
materials, requirements of, **12**: 448.
mending, **17**: 290.
mixes, testing, **12**: 277.
saving in, by fine grinding of materials, **4**: 26.
strength of, bodies, **7**: 201.
structure of, body, **2**: 189.
St. Louis Exposition, ceramics exhibits at, **7**: 39, 47, 289.
Salt. See *Sodium chloride.*
Salt cake. See *Sodium sulfate.*
Salting, time-temp. curves during, of some oil-fired sewer-pipe kilns, **17**: 314.
Saltpeter. See *Potassium nitrate.*

Salts. (See also *Electrolytes.*)
accumulation in water from the clay press, **11**: 366.
adsorbed by clay, effect of, **17**: 627.
adsorbed by clay, effect on pyro-chem. and physical behavior, **9**: 222.
blistering of porcelain caused by, **17**: 633.
clay behavior in solns. of, **7**: 279.
of clay, crystn. of, **11**: 69.
detn. of, in clays, **15**: 523.
detn. of sol., in clays, **12**: 792.
effect of sol., in clay on behavior of slip and glaze, **16**: 162.
effect of sol., on clay, **14**: 401, 404.
effect on drying behavior of some clays, **17**: 697.
effect on elutriation of clays, **17**: 367.
effect on Georgia kaolin water systems, **18**: 770.
extn. of sol., from chromium tin pinks, loss due to, **12**: 523.
plasticity and, **11**: 555, 594, 595; **17**: 616.
precipitation of metals from, as mirrors, **17**: 508.
in scum formation on bricks, **17**: 201.
settling of suspensions by, **8**: 250.
soly. of some, in glass, **14**: 665.
sol., increase of vol. of firebrick by, **13**: 609.
underglaze color production by sol. metallic **16**: 487.

Samples, of clay for research, **9**: 755.

Sampling, body and glaze, **4**: 212.
clay, **9**: 767.

Sand. (See also *Quartz; Silica.*)
analysis of ground, **12**: 157.
effect of, on properties of lime mortars, **16**: 151.
effect of varying amts. of, on strength of mortar, **8**: 228.
effect on drying behavior of clay, **13**: 770.
effect on the shrinkage and mechanical strength of a No. 3 fire-clay body, **18**: 524, 915.
fineness of, effect on color of salt-glazed clay ware, **4**: 223.
glass, **19**: 160.
in glass, effect of alumina on content of, **14**: 70.
grain size of, in clay, relation to the tensile strength of clay mixts., **2**: 100.
grinding quartz, in tube mills, **6**: 164.
as grog substitute, failure of, **7**: 144.
Hohenbocka, **13**: 406.
lime-carrying capacity of, **19**: 528.
mixts. with clay, relation of fineness to tensile strength, **3**: 204.
placing, **12**: 449.
as quartz rock substitute, **5**: 348; **6**: 205.
reactions with materials used in glass manuf., **14**: 644–51.
reaction with soda ash and limestone, **15**: 588.
reaction with soda ash, salt cake, common salt, limestone, charcoal and white arsenic, **15**: 589

reduction, milling and shipment of, **13**: 326.
for sand brick, allowable impurities in, **5**: 168.
tridymite formation from, **14**: 643.
washing, for glass manuf. removes valuable ingredients, **11**: 100.
wet, for glass manuf., **12**: 335.
in window-glass mixt., **17**: 226.
Sand-blast equipment, **14**: 181.
Sand-blast test, rattler test and, **14**: 180.
Sand-lime brick. See *Brick.*
Sandstone, analyses of fresh and weathered, **13**: 384.
artificial—see "sand-lime" under *Brick.*
clay-bonded, Ohio, for silica brick manuf., **18**: 473, 907.
for reducing shrinkage in Bedford shale, **5**: 297.
treatment of, for glass sand, **19**: 183.
Sang de boeuf, **11**: 53, 59; **16**: 496.
Sanitary ware. (See also *White ware.*)
body dissolution in, **8**: 79.
casting, **15**: 573.
constitution and microstructure of, **18**: 410.
enameled iron, **8**: 172.
enamel for cast-iron, **9**: 646.
firing, in Dressler tunnel kiln, **18**: 532.
fritted leadless glazes for, **18**: 812.
grading, **12**: 306.
manuf. of, **15**: 467.
tannin in manuf. of, **6**: 46.
of Trenton manuf., **2**: 148.
Sawdust, effect on drying behavior of clay, **13**: 770.
Schoene apparatus, **11**: 469.
Schultze apparatus, **11**: 469, 489; **12**: 441.
Science, ceramics as, **1**: 7.
Scorifiers, manuf. of, **12**: 54.
Scum. (See also *Efflorescence.*)
7: 240, 248.
on brick, **1**: 82, 105, 106.
dryer, removal of, **18**: 271.
prevention, **8**: 195; **17**: 764.
prevention by barium carbonate, **12**: 791.
prevention by barium compds., **8**: 255.
prevention by barium fluoride, **17**: 200.
prevention in soda-lime glass, **16**: 112.
reduction of, **17**: 600, 604.
on sewer pipe, **18**: 433, 439.
Sealed cavities. See *Pores.*
Sedimentation, of clay slip, prevention of, in the casting process, **13**: 641.
of clay suspensions, **11**: 533.
of clay–water systems, effect of alkalies, acids and salts on, **18**: 773.
of fire clays, **14**: 399.
of glaze, **11**: 369.
in kaolin refining, **18**: 781.
of kaolins, use of sulfuric acid in, **19**: 130.
rate of, effect of viscosity on, **17**: 335.
substitution for elutriation, **12**: 798.
of suspensions by sol. salts, **8**: 250.
Seeds, glass—see *Bubbles.*
Seger cones, **2**: 60.
"blind," **18**: 117.
committee rept. on, **3**: 180.
comparison of the various makes of, on the market, **8**: 159.
constitution of, No. 1, **7**: 275.
deformation of, **15**: 228.
deformation points of, factors affecting, **18**: 580.
deformation temps. of, **15**: 152.
ferric oxide introduction into, lowering temp. of, **17**: 672.
in firing of clay wares, **5**: 305.
fluxing effect of clay in, **8**: 168.
fusion tests of, **8**: 309.
magnesia in, action of, **11**: 616.
melting points of, expressed in degrees, **6**: 94.
melting points of, under various conditions, **14**: 849.
phys. chemistry of, **15**: 482.
placing, **9**: 784.
practical experience with, **1**: 22.
between regular numbers, **6**: 105.
softening points of, relation to rate of heating, **15**: 74.
softening temp., **15**: 211.
substitute for Cremer series, **5**: 307.
temp. measurement with, **5**: 226; **15**: 174.
use of, **11**: 619.
Seger's "Gesammelte Schriften," **1**: 96.
Selenium, ruby color in glass from, **16**: 284.
translucency measurement by, **15**: 543.
Separator, magnetic, for removing iron from slip, **13**: 639.
Serpentine, soly. of, **13**: 346.
Setting. (See also *Hardening; Hydration.*)
of calcined gypsum, measurement of time of, **19**: 573.
of cement, effect of calcium sulfate on time of, **16**: 556.
of cement, effect of fine grinding on time of, **10**: 248.
of plaster of Paris, effect of water and lime additions and of temp. on, **18**: 180.
rate of, of lime mortars, **16**: 117.
Setting (of ware). See *Firing.*
Settling. (See also *Sedimentation.*)
in brick kilns, curves of, **7**: 422.
in brick kilns, measurement of, **7**: 409.
Sewer pipe, body crazing in, causes of, **7**: 263.
chart of operations, **15**: 113, 117.
clay suitable for, **9**: 255; **17**: 648.
color in, effect of fineness of grain on, **5**: 114.
cooling of vitrified, **16**: 461.
cost keeping in factory for, **7**: 402.
cost system for, **15**: 92.
cracking of, **8**: 92.
defects in, **18**: 431.
firing, critical stage in, **5**: 365.
firing salt-glazed, **17**: 606.
green clay for, **16**: 408.
kiln bottoms, **14**: 142.
kiln heat distribution in, **10**: 421.

kilns, time-temp. curves during salting of some oil-fired, **17**: 314.
manuf. of, plasticity and pressure in, **19**: 480.
non-plastic material in, effect on shrinkage and crushing strength, **18**: 524.
surface pimpling on salt-glazed, **9**: 726.
vesicular structure of, **15**: 79.
Shale, banks, drilling and blasting, **17**: 294.
Bedford, fine grinding in the manuf. of, **5**: 295.
clay formation from, **17**: 570.
effect of lime and silica on, **16**: 201.
elec. cond. of, on heating, **17**: 421.
flow through hollow-ware dies, **19**: 479.
in flux for slag paving brick, **18**: 494.
Kansas, **18**: 842, 930.
magnesia and, **6**: 88.
porosity-temp. relations of fire-clay, shale and surface-clay mixts., **17**: 450.
resources in vicinity of Cleveland, O., **18**: 450, 906.
slags, dolomite and limestone, **15**: 562.
sp. gr. of, value of, **17**: 215.
transportation system for, **14**: 347.
viscosity of some, at furnace temps., **16**: 571.
vitrification of, function of time on, **13**: 387.
Shivering, **2**: 135; **7**: 57, 71; **9**: 520; **11**: 407.
cause of, **13**: 186.
correction by variations in body compn., **7**: 79, 89.
correction of, Seger's rule for, **13**: 157.
crazing and, on the same body, **1**: 84.
delayed, **11**: 88.
of enamel, **12**: 325.
of enamels on cast iron, **14**: 516.
in a fire-clay body, **17**: 310.
rational analysis and, **15**: 174.
rational analysis of clays as a means of controlling glaze fit, **14**: 359.
of terra cotta, sol. salts as cause of, **16**: 167.
Shrinkage. (See also *Contraction; Volume.*) **16**: 79.
air, of cast clay slip, **11**: 547.
of body made with Cornwall stone, **10**: 102, 106.
of ceramic bodies with mica flux, **4**: 263.
of china bodies, effect of various oxides on, **11**: 494.
of china clay, **17**: 621.
of clay, **3**: 35.
of clay, effect of tannin, etc., on, **6**: 37, 231.
of clay from different depths, **14**: 465, 466.
of clays at different temps., **14**: 719.
of clay substance at low temp., effect of quartz on, **7**: 148.
crazing caused by, **14**: 109.
curves for dust-pressed tile, **19**: 417, 421.
deflocculation and, **17**: 86.
detn. of, **17**: 640.
distinction from contraction, **3**: 18.
drying, **11**: 396; **16**: 416; **19**: 561.
of American bond clays, **19**: 601.
correction of, **13**: 769.
detn. of, **17**: 93.
detn. of linear, **17**: 697.
effect of acids and alkalies on, **14**: 828.
effect of electrolytes on, **16**: 516, 519, 520, 593.
of fire clay, **17**: 411.
of fire clay, effect of water content on, **17**: 440.
of raw lead glazes contg. Cornwall stone, **7**: 365.
of roofing tile clays, **12**: 827.
of slips, effect of electrolytes on, **16**: 516, 538.
of dust-pressed tiles, relation to pressure, **19**: 94.
effect of hydrated silica on, in white-ware body, **12**: 53.
effect of non-plastic materials on, of a No. 3 fire-clay body, **18**: 524, 915.
effect on manuf. of stoneware slips, **4**: 51.
effect on, of rate of application of heat, **11**: 620.
of enamel, regulating, **18**: 141, 164.
fire, **11**: 547; **12**: 237, 242, 245, 247, 250; **13**: 388.
of bodies on plaster molds, **10**: 87.
detn. on fire clays, **17**: 96.
of fire-clay body, **17**: 411.
of flint fire clays, **10**: 366.
of raw lead glazes contg. Cornwall stone, **7**: 366.
of firebrick clay, **13**: 605.
grain size of feldspar and, **13**: 741.
grog and, **7**: 137.
increase of, by whiting and fluorspar, **8**: 153.
of kaolin, effect of varying sizes and percentages of quartz grains upon, **12**: 548.
linear, of clay test pieces, **18**: 557, 919.
magnesia and, **6**: 89.
of mortar, **16**: 151, 160.
period of, **10**: 147.
phenomena of simultaneous decrease in vol., porosity and sp. gr. without loss in wt., **9**: 230, 231.
of porcelain, **4**: 57.
effect of compn. on, **4**: 126; **13**: 401.
effect of various lime fluxes on, **10**: 273.
prevention by means of flint, **4**: 59.
of porcelain bodies, **7**: 384.
of pottery bodies, **3**: 18.
preheating and, **12**: 508.
preheating effect on drying and burning, **11**: 359.
preheating temp. and, **14**: 811.
pyro-physical behavior of flint fire clays, **10**: 365.
rate of, compared to rate of warpage and porosity decrease, **17**: 121.
rational compn. and, **14**: 375.
reduction of, in Bedford shale, **5**: 296.
of roofing-tile clays, **12**: 827.
of shales of Kansas, **18**: 842.
by soda feldspar, **16**: 215.
storage of clay and, **8**: 281.
strength and, **15**: 274, 276.
temp. and, **16**: 223.

temp. of firing and, 6: 104.
time of heating and, 15: 194.
variations in, of clays treated with electrolytes, 15: 192.
vitrification and, 16: 222.
warpage and, 12: 860.
of Zettlitz kaolin on heating, 7: 148.

Sieves, standard testing, 15: 373.

Sieve test, for fire clay, 17: 92.
for plaster of Paris, 18: 191.
for raw materials, 18: 499, 912.

Silica. (See also *Quartz; Sand.*)
absorption by clay brick in furnace walls, 14: 825.
analysis of, 12: 157.
blocks *vs.* wooden blocks for cylinder linings, 10: 133.
bodies high in, crazing by over-fire, 7: 56, 69.
bond in sand-lime brick, 17: 471.
brick, behavior under load at high temp., 12: 339.
effect of heating above 575°, 15: 518.
firing with coal to cone 26, 12: 113.
load test, 19: 501; 14: 391.
manuf. by the "Anaconda" method, 13: 152.
melting point of, 15: 171.
Ohio clay-bonded sandstones for manuf. of, 18: 473, 907.
refractoriness of, 19: 534.
vol. changes on heating, 19: 83.
brick mixts., vol. changes of, 18: 519.
in clay ware, 2: 123.
content of glazes, table for obtaining, where the total oxygen-ratio and the alumina are given, 6: 260.
crystn. of, as cause of crazing, 12: 139.
deformation study of BaO-Al_2O_3-SiO_2 mixts., 19: 457.
deformation study of MgO-Al_2O_3-SiO_2 mixts., 19: 453.
detn. in enamel, 12: 147.
detn. of hydrated, in clay, 12: 43.
dielec. const. of, 13: 476.
dry-ground *vs.* wet-ground, 2: 124.
effect of content of, on dunting, 13: 417, 419, 425.
effect of content of, on resistance of porcelain to temp. changes, 13: 596.
effect of content of, on strength of porcelain, 13: 395.
effect of high content of, on vitrification of porcelains, 15: 318.
effect of high, on glass, 14: 656, 659, 661.
effect of variable, on porcelain glazes of const. RO, 14: 62.
effect of variable, on terra cotta glazes, 18: 282.
effect of variation in, on glaze defects, 13: 166.
effect of varying, against rutile in glazes, 16: 342.
effect on changes in the porosity and the sp. gr. of some clays, 10: 328, 337, 345, 351.
on enamels, 13: 526.
on enamels for steel, 11: 141, 151.
on expansion coeff. of porcelain, 13: 414.
on expansion coeff. of porcelain body mixts., 15: 499.
on expansion coeff. of white-ware mixts., 13: 431.
on fusion point of refractory clay, 19: 303.
on refractoriness of fire-brick, 6: 224.
on ruby color in glass, 16: 304.
on sagger body, 17: 263.
on shale, 16: 201.
for enamel on cast iron, 13: 549.
in enamels for cast iron, variation of, 14: 746.
expansion coeff. of, 5: 340; 7: 125.
fine grinding of, 8: 252.
fineness of, detn. of, 18: 499.
fineness of, effect on color of salt glaze, 5: 106, 113, 114.
fineness of, effect on properties of porcelain and china, 14: 382.
fineness of grinding for pottery bodies, 4: 25.
fineness of, in its relation to the manuf. of pottery bodies, 3: 17.
fineness of, on market, 10: 140.
fineness of, standard for, 8: 244.
forms of, 15: 521.
formula and mol. and equiv. wts. of, 2: 208.
in fritted glazes, ratio to boric acid, 9: 95.
as furnace refractory, vol. change in, 14: 822.
fusibility of mixts. with potash, lime and alumina, 17: 672.
fusions, 13: 75.
grinding, 5: 281; 6: 173.
hardening effect on fritted glazes, 19: 652.
hydrated, effect on white-ware body, 12: 52.
importance in our environment and study of compds. of, 17: 66.
in lead glazes, permissible variation in, 3: 82.
limit of free, allowable in cements manufd. by dry process, 6: 155.
in mat glaze, 5: 56.
mixt. with boric acid, thermal study of, 14: 210.
Ohio, 13: 158.
prepn. for refractories, 14: 483, 486.
prevention of shrinkage of porcelain by, 4: 59.
ratio to alumina and iron oxide in celite and alite, 17: 72.
ratio to alumina in slag, 15: 550.
reaction with boric oxide, 10: 160.
reaction with lime, 5: 94.
reduction, milling and shipment of, 13: 326.
refractories, testing quality of, 19: 93.
requirements as pottery material, 12: 433.
from rice husks, for Japanese copper reds, 4: 46.
sand, reduction, milling and shipment of, 13: 326.
sepn. of free and combined, 13: 649, 651.
soly. in feldspar, 13: 479.

solvent effect of water on, 12: 797.
stability relations of crystal modifications of, 19: 83.
system: alumina–lime–potash-, 15: 489.
system: lime–alumina–, 17: 68.
systems: soda–zinc oxide–, and soda–zinc oxide–titanic oxide–, 17: 745.
testing pottery, 9: 57.
thermal cond. of refractories of, compared to clay, 16: 382.
thermal properties of, 18: 383.
vessel made by fusion in elec. arc, 5: 120.

Silicates, basic, formation of some, 17: 66.
chemical reactions of interest to plate-glass chemist, 14: 642.
chemistry of sand-lime brick, 13: 648.
chemistry, problems in, 15: 58.
classification and nomenclature of, 3: 65.
color action of alumina and boric oxide in artificial, 12: 701, 707.
crystals sepg. from fusion of, used in production of ceramic cryst. glazes, 19: 674.
deformation behavior of, in reference to feldspar, whiting, kaolin and quartz, 17: 672.
elec. cond. of, 17: 421.
engineering *vs.* ceramic engineering, 15: 371.
feldspathic, kaolinization of, 3: 41.
formation of, as vitrification, 16: 497.
formation of definite, in glass, 16: 115.
fusion of, 7: 275.
fusion of, phys. chemistry of, 9: 419.
fusions, 13: 75.
Geophys. Lab. work on, 15: 49.
glazes from artificial silicate minerals, 6: 187.
hydraulic, review of, 5: 74.
hydrous, formed under steam pressure, 15: 125.
industries as ceramics, 6: 116.
as insulators, 18: 136.
melting point detn. of glaze and glass, of the porcelain type, 11: 80.
nomenclature of, 13: 130.
slag, formation temps. of certain, 5: 225.
structure of, mixts., 4: 208; 5: 232.
thermo-elec. phenomena observed in some, 17: 218.
titration of calcium oxide or hydroxide in the presence of, 17: 720.

Silicic acid, colloidal, 11: 394.
colloidal nature of, 6: 71.
hydrated, in kaolin and its effect on pottery bodies, 3: 25.
tannic acid and, 6: 52.

Silicon carbide. See *Crystolon.*

Sillimanite, 11: 185, 189, 197; 12: 234.
in clay heated to diff. temps., 18: 422.
effect on color, 13: 479.
effect on opacity of glazes, 14: 106.
formation in vitrified porcelain, 12: 672, 673, 674.
formation of, 13: 461, 464.
formation of, conditions of, 13: 128.
formation temp. of, 18: 899.
in Seger cones, 15: 485.

Silver, coloring with, 11: 51.
iridescence produced in glass by, 7: 159.

Silvering, glass, 12: 188, 191; 17: 505.

Sintering, 10: 143.

Sirup, effect on glaze, 11: 373.

Slags, blast-furnace, fusibility of, 7: 453.
blast-furnace, in cement manuf., 5: 79.
blast-furnace, paving brick from, 19: 507.
calcareous and magnesian, 15: 547.
compn. of, 7: 275.
corrosive action on fire brick, testing, 18: 277, 892.
as flux in vitreous tesserae, 7: 104.
glazes and, 15: 598.
paving brick, 18: 492, 910.
refractories to withstand action of, 14: 252.
silicates, formation temps. of certain, 5: 225.

Slaking, effect of increasing amts. of water on, 3: 228.
rate of, of some American bond clays, 19: 601.
time of, relation to modulus of rupture, 19: 632, 634.

Slickensides, origin of, 17: 585.

Slipping, effect on clay treated by Acheson process, 6: 250.

Slips, aging, for floor tiles, 3: 177.
Albany, 4: 64, 77; 18: 242.
alkali and, 17: 332.
black spot production in, 14: 227.
compn. of, range for given body, 12: 528.
consistency of, 19: 357.
control of, by detn. of elec. cond., 15: 531.
effect of sol. salts in clay on behavior of, 16: 162.
for enameled brick, 5: 264; 12: 711.
for granite imitation, 14: 246.
iron removal from, magnetic separator for, 13: 639.
making, 3: 173.
notes on, 6: 209.
regulation of, by control of colloidal materials, 18: 163.
roofing tile, 16: 144.
for sanitary ware, 15: 469, 473, 475.
settling in the casting process, prevention of, 13: 641.
shrinkage on drying, effect of electrolytes on, 16: 516, 538.
soda required for most liquid, 17: 629.
soly. in glazes, 4: 53.
stoneware, 4: 48.
tempering, for enameling steel, 11: 103.
terra cotta, 16: 169.
time of remaining in tank, effect of, 17: 691.
viscosity of, 10: 389; 11: 538, 596.
as detd. by the Clark app., 12: 383.
effect of alkalies on, 19: 460.
effect of electrolytes on, 16: 516, 526, 544.
effect of sodium carbonate and silicate on, 17: 335.
from various clays, 17: 354.
water for, 12: 805.
water required for, 9: 55.

Smoke, prevention of, by use of producer gas, 8: 395.

Soapstone. See *Talc.*
Soda, effect on copper oxide glazes, **4**: 278.
effect on soly. of glass, **15**: 713.
in enamels for steel, interchangeability with potash, **11**: 140, 151.
in glass manuf., **11**: 309; **12**: 327.
in glass of the type $RO.3SiO_2$, variation of, **17**: 236.
ratio to lime for soda lime glass, **16**: 115.
required for slip for elec. porcelain, **17**: 629.
in slip, patent on, **15**: 573.
systems: zinc oxide–silica–soda and zinc oxide–titanic oxide–silica–soda, **17**: 745.
Soda ash. (See also *Sodium carbonate.*)
analysis of, **12**: 164.
effect on drying behavior of clay, **17**: 706.
high temp. and, **14**: 643.
reactions with materials used in glass manuf., **14**: 644–51.
reaction with arsenious oxide, **15**: 585.
reaction with sand and limestone, **15**: 588.
reaction with sand, salt cake, common salt, limestone, charcoal and white arsenic, **15**: 589.
Soda glass. See *Glass.*
Sodium bicarbonate, effect of varying amts. on plaster, **17**: 326.
Sodium carbonate. (See also *Soda ash.*)
concn. of, for casting clay ware, **17**: 692, 693.
deflocculation of clays and body mix by, **12**: 800.
effect on clays, **15**: 184.
effect on drying behavior of clay, **13**: 773.
effect on Georgia kaolin, **19**: 474.
effect on viscosity of slips, **17**: 335.
formula and mol. and equiv. wts. of, **2**: 209.
prevention of scumming by, **13**: 790.
as preventive for settling of clay slip in casting, **13**: 642.
Sodium chloride. (See also "salt" under *Glazes.*)
action during melting of glass, **14**: 665.
as cause of stones in glass, **18**: 544.
cracking prevention by, **13**: 789; **17**: 504.
effect of varying amts. of, on plaster, **17**: 326.
effect on clays, **15**: 184.
effect on drying behavior of clay, **17**: 708.
formula and mol. and equiv. wts. of, **2**: 209.
high temp. and, **14**: 643.
in iron removal from enamels, **17**: 125.
reactions with materials used in glass manuf., **14**: 644–51.
reaction with sand, soda ash, salt cake, limestone, charcoal and white arsenic, **15**: 589.
Sodium fluoride, for removal of dryer scum, **18**: 276.
Sodium hydroxide, deflocculating effect of, **16**: 544; **17**: 87.
effect on clays, **15**: 184.
effect on drying behavior of clay, **13**: 773.
effect on Georgia kaolin, **19**: 470.
effect on Georgia sagger clay, **12**: 771.
effect on slips, **17**: 353.
sulfuric acid-, process in kaolin refining, **18**: 792.
Sodium manganate, in glass, **19**: 375.
Sodium nitrate, analysis of, **12**: 165.
in enamels for steel, **14**: 508.
formula and mol. and equiv. wts. of, **2**: 209.
Sodium oxalate, for removal of dryer scum, **18**: 276.
Sodium oxide, dielec. const. of, **13**: 476.
effect of varying, against lime in glazes, **16**: 342.
effect on fusibility of fritted glazes, **19**: 652.
fluxing power of, **13**: 509.
Sodium silicate, **16**: 109.
compn. for mending kiln furniture, **17**: 291.
concn. of, for casting clay ware, **17**: 692.
as deflocculating agent for clay, **17**: 87.
deflocculation of clays and body mix by, **12**: 800.
effect on clay, **6**: 49, 51, 59, 61, 232.
effect on Georgia kaolin, **19**: 472.
effect on viscosity of slips, **17**: 335.
formation from sand and soda ash, **14**: 648.
mixt. with oxalic acid as agent for producing fit between enamel and body, **18**: 164.
as preventive for settling of clay slip in casting, **13**: 641.
in slip, patent on, **15**: 573.
Sodium stannate, from borax and stannic oxide, **4**: 141.
Sodium sulfate, action during melting of glass, **14**: 665.
effect of satd., soln. on the structure of clay burned to diff. temps., **17**: 249.
in glass manuf., **12**: 327.
high temp. and, **14**: 643.
reactions with materials used in glass manuf., **14**: 644–51.
reaction with arsenious oxide, **15**: 586.
reaction with sand, soda ash, common salt, limestone, charcoal and white arsenic, **15**: 589.
soly. of, **8**: 255.
test for drain tile compared to freezing test, **18**: 642, 923.
test for weathering, **18**: 686, 713.
volatilization from refractory clay, **7**: 277.
in window-glass mixt., **17**: 227.
Sodium sulfide, soly. in glass, **14**: 667.
Softening point. (See also *Melting point.*)
of American bond clays, **19**: 601.
detn. of, of boric acid-silica mixts., **14**: 211.
of eutectic of clay, detn. of, **17**: 427.
factors affecting, of refractories, **19**: 534.
of firebrick, **12**: 345.
of firebrick, as a test of resistance to load, **12**: 364.
of glass (barium), **18**: 330.
of porcelain, relation to dielec. strength, **14**: 278.
of potash feldspar-steatite mixts., **18**: 488.
Solidification, definition of, **13**: 668.
Solidification point, of silicates, **9**: 429.
Solids, definition of, **13**: 668.
expansion coeff. of, app. for detn. of, **14**: 470.
Sols. See *Colloids.*
Solubility, of boric acid-silica mixts., **14**: 213.

chemistry of ceramics as study of, **17**: 79.
of colloid matter in clay, **12**: 768.
detn. of, by polarized light, **13**: 484.
of enamel in acids, **17**: 137; **18**: 762, 926.
of enamel on sheet steel wares, **11**: 320.
of enamels in acetic acid, **13**: 494.
of flint clay in dil. sulfuric acid, **14**: 335.
of glass (barium), **18**: 322.
of glass, effect of soda on, **15**: 713.
of glazes contg. zinc oxide, **17**: 520.
of minerals, **13**: 338.
relative, of clay and flint in feldspar, **13**: 479.
of salts in glass, **14**: 665.
test for enameled sheet-steel cooking utensils, **12**: 486.

Solutions, causing deflocculation, **11**: 579.
fusion phenomena and law of, **7**: 276.
of gold in glass, similarity to aq. solns., **16**: 547.
igneous, produced by fusion of silicates, **7**: 275.
theory of glazes, **17**: 80.

Specific gravity, absorption and, **9**: 707.
of American bond clays, **19**: 601.
of cement, relation to temp. of firing and to constitution, **15**: 443.
changes in clay below 1000° C., causes of, **12**: 231.
classifying clays by changes in, **9**: 206.
of clay after heating under pressure, **14**: 825.
of clay, effect of preheating on, **12**: 504.
of clay, effect of tannin, etc., on, **6**: 46, 231.
of clays heated to diff. temps., **12**: 227; **15**: 79.
of clays, influence of fluxes and non-fluxes on the change in, **10**: 293.
compression of clay and, **16**: 197.
control in slips and glazes, **17**: 652.
curve of clay on heating, **12**: 237, 242, 245, 247, 250, 262.
detn. of, **13**: 103; **15**: 302.
detn. of apparent and true, of fire clay, **17**: 97.
detn. of apparent, of burned trials, **12**: 831.
detn. of, importance of, **9**: 712.
detn. of, of fire clay, **17**: 92.
of feldspar, effect of heating on, **7**: 148.
of feldspathic porcelains, relation to compn., **15**: 285.
of firebrick, **12**: 346; **13**: 609.
of fire-clay bodies after repeated heating, **18**: 546.
of fire-clay bodies fired to various cones, **17**: 411.
of flint fire clays, **10**: 365.
of glasses (barium), **18**: 321.
of glass for mechanical working, **12**: 587.
heat cond. and, **6**: 128.
of kaolin-quartz mixts. of varying compn., **12**: 561.
of lime fired at diff. temps, **13**: 638.
phenomena of simultaneous decrease in vol., porosity and, without loss in wt., **9**: 230, 231.
of plaster of Paris as test for quality, **18**: 191.
of porcelain, apparent and true, **10**: 288.
of porcelain, effect of temp. on, **12**: 636, 661.
of porcelain, effect of various lime fluxes on, **10**: 273.
of porcelain skeleton, **10**: 284.
porosity detn. from, **11**: 396.
pressure and, of dust body, **17**: 463; **19**: 94.
of quartz, effect of heating on, **7**: 148.
of silica brick, effect of heating on, **19**: 83.
in vacuo, formula for, **11**: 64.
value of, of raw materials, **17**: 215.
warpage and, **12**: 826.

Specific heat. (See also *Clays; Platinum; Silicates;* etc.)
detn. in study of silicates, **5**: 234.

Specific volume, of silicates, **9**: 421.

Speckle, black, for use on a red face brick, **6**: 198.

Specks, in enamels contg. antimony, **17**: 184.

Spencein kaolin, **4**: 50, 54.

Spinel, color trials with, **5**: 115.
firing in elec. arc, **5**: 118, 120.

Spitting-out, **9**: 493.
of feldspar body compared to that of Cornwall stone body, **10**: 107.
short-ground glaze as cause of, **9**: 203.

Spots, bare, on sanitary ware, **15**: 474.
black, upon terra cotta glazes, **14**: 227, 245.
in dust-pressed ware from oils, **14**: 569.
on mirrors, **12**: 191.

Stains. See *Colors; Discoloration.*

Standards, Bureau of Standards work on, **15**: 55.

Stannic oxide. See *Tin oxides.*

Starch, as agent for producing fit between enamel and body, **18**: 164.

Steam, effect on cement of various amts. of, **16**: 313.
heat transfer from kiln mouth to kiln proper by, **1**: 43.
in humidity control in clay-ware driers, **19**: 571.
hydrous silicates formed under, pressure, **15**: 125.
superheated, effect on clay wares, **2**: 31.
superheated, lime burning with, **2**: 31.

Steaming, clay, **8**: 281.

Steatite. See *Talc.*

Steel. (See also *Enameled ware; Enamels.*)
corrosion of, **17**: 727.
crucibles for melting, bond clays for, **19**: 607.
plate for enameled ware, **12**: 173.

Sticking, earthenware losses by, **12**: 300.

Stone, building, sp. gr. and wt. of, **7**: 453.

Stones, in glass, cause of, **18**: 544.

Stoneware, blue-gray, **12**: 531.
clay, coloring, **14**: 262.
clay suitable for, **9**: 242, 255; **17**: 646.
as crystal glaze base, **10**: 206.
enamel for, **10**: 216; **11**: 605.
Flemish, **12**: 531.
glazes, **4**: 61; **5**: 136; **6**: 207; **13**: 550, 559, 584.
glazes, chrome-tin red, **17**: 278.
glazes, effect of clay on fusibility of, **18**: 515.
glazes, effect of straw liquor on, **6**: 257.
gres, **7**: 51.

slips, 4: 48; 12: 764.
vesicular structure of, 15: 79.
Straw, in ceramic-ware manuf., 6: 32, 38, 48, 55, 65.
oat, as source of material for toughening clays, 6: 234.
Streakiness, in lime-potash ruby glass, 16: 304.
Strength. (See also *Modulus of rupture; Tensile strength; Toughness.*)
changes in lab. drying, 15: 270.
of clay bars as influenced by the temp. of drying, 15: 345.
detn. of wet, of clay, 17: 640.
dry, of china clay, 17: 621.
of enamel, variation of, 14: 521, 529.
of fire-clay bodies after repeated heating, 18: 545, 917.
increase of, by whiting and fluorspar, 8: 153.
of plaster, factors in, 17: 325.
of porcelain, effect of sealed cavities and change in mol. vol. on, 10: 283.
of porcelains, effect of compn. on, 13: 395.
of wall tile, 13: 91.
Strontium carbonate, deposit in Ohio, 1: 103.
formula and mol. and equiv. wts. of, 2: 209.
Strontium oxide, effect on china bodies, 11: 494.
mixt. with flint and asbestos, effect of steam pressure on, 15: 129.
Sulfates, in blistering of glazes, 2: 139.
in boric acid, effect on glaze, 13: 226.
formation from sulfides in clay during aging, 3: 174, 178.
in glass, 12: 330; 14: 665, 668.
shivering of terra cotta produced by, 17: 313.
Sulfides, soly. in glass, 14: 667.
Sulfur, action on lime in kiln, 2: 34.
in cements, 7: 280.
in clays, 17: 586.
effect on salt glazes, 4: 229.
effect on Seger cones of sulfur fumes in kiln gases, 2: 66.
effect on zinc oxide action on chromium oxide, 16: 262.
elec. resistance of, 4: 98.
in glass, elimination of, 12: 372.
in grog for terra cotta, 9: 511, 519.
in kiln atm., effect on color of lead glaze, 3: 216.
removing from clay, 11: 93.
ruby color in glass from, 16: 284.
from salt cake in glass, 12: 373.
in spitting out, 9: 496.
in swelling of glass during fusion, 5: 331.
Sulfuric acid, action on enamel, 17: 140.
effect of varying amts. of, on plaster, 17: 326.
effect on cones, 3: 188.
effect on drying behavior of clay, 13: 773.
flint clay soly. in dil., 14: 335.
in glaze showing flashing, 2: 35.
as reagent for rational analysis, 14: 335.
in sedimentation of kaolins, 19: 130.
sodium hydroxide-, process in kaolin refining, 18: 792.
Sulfuring, as cause of pinholing, 17: 172.
earthenware losses by, 12: 300.
Sulfur trioxide, silica replacement by, 9: 523.
Surface factor, calcn. of the comparative fineness of ground materials by means of a, 7: 441.
modulus of rupture and, 19: 271, 294.
Surface tension, crazing caused by, 14: 109.
effect on gloss, 13: 583.
effects in colloid, 12: 560.
glass development and, 14: 107.
of glass, effect of alumina on, 11: 101.
increasing, to produce water markings in glaze, 14: 678.
liquid media of high, enveloping wetted clay, effect of adsorbed salts on, 11: 555.
of silicate fusions, 9: 455.
Suspension, colloids as, 12: 814.
enamel, maintaining, 16: 449.
settling clay, 11: 533.
Swelling, of flint fire clays on firing, 10: 373.
of glass during fusion, cause of, 5: 331.
of plaster, 10: 88.
of sewer pipe, 18: 433.
Syenite, analyses of fresh and weathered, 13: 384.
Symbols, ceramic shorthand, 6: 167.
Systems, phases of chem., 9: 456.

Talc, analyses of fresh and weathered, 13: 384.
as body material, 15: 532.
as flux in vitreous tesserae, 7: 105.
as refractory material, 14: 486.
softening points of potash feldspar-, mixts., 18: 488, 909.
soly. of, 13: 346.
Tan-bark, ext., blue coloration of clay by, 6: 52.
Tank furnace. See *Furnaces.*
Tannic acid, effect on clay, 6: 31, 51, 231; 12: 787; 13: 773.
sources of, for clay-toughening expts., 6: 233.
Tannin. See *Tannic acid.*
Teco ware, 14: 691.
Temperature, cone, relation to time of heating, 15: 74.
control in drying clay ware, 19: 561.
control in window-glass furnaces, 17: 230.
control of, in oil firing, 14: 809.
curve of plaster of Paris during setting, 18: 190.
deformation, of chem. porcelain, 18: 89.
effect on setting of plaster of Paris, 18: 180.
effect on soly. of enamel in acids, 18: 762.
equalizing in kiln, 9: 670.
firing, for china from American materials, 18: 621.
effect on properties of portland cement, 15: 420.
of limestones, 13: 618.
of porcelain as indicated by constitution and microstructure, 18: 407.
of silica brick, 18: 523.
flashing and, 1: 82.
of glass for mechanical working, 12: 587.
kiln, from coal and producer gas, 12: 93.

measurement—see also *Pyrometers; Pyrometry; Seger cones.*
measurement of, new principle in, **19**: 261.
by Seger cones, **14**: 852; **15**: 174, 497.
by thermocouples, **18**: 363.
measurements of high, **11**: 455.
porosity of shales and, **18**: 842.
porosity-, relation of a clay prepd. in the plastic and in the moist condition, **15**: 570.
porosity-, relations of fire clay, shale and surface clay mixts., **17**: 450.
-porosity-vol. changes of some porcelain bodies, **19**: 636.
preheating, relation to vol. shrinkage, **14**: 811.
relation to porosity and vol. in some American bond clays, **19**: 604.
of Seger-cone melting, **6**: 94, 101.
shrinkage and, **16**: 223.
Tempering, clay, effect of tannin, etc., on amt. of water necessary for, **6**: 37, 231, 258.
clay for fire brick, **18**: 82.
dunting and, **8**: 97.
effect on flow of clay through dies, **11**: 418, 431, 450.
enamel, **16**: 545.
time, decreasing, **6**: 46, 232.
water, effect of quartz content on amt. of, **12**: 563.
Tennessee clay, **3**: 30; **6**: 208; **9**: 638; **10**: 142, 301, 395; **11**: 217, 396, 494, 526, 551, 602; **12**: 228, 389, 628, 722, 783; **14**: 332, 709; **15**: 184; **16**: 173, 281, 478, 543; **17**: 84, 338, 345, 348, 370; **18**: 104, 546; **19**: 340, 615, 616, 618.
Tensile strength, of body mixts., tests of, **17**: 348.
of cement, **5**: 101.
of cement, effect of fine grinding on, **10**: 249.
of clay, effect of tannin and other org. compds. on, **6**: 32, 231.
of clay mixts., **3**: 198.
of clay mixts., relation to size of the grains of non-plastic constituents, **2**: 100.
of clays in the dried state, **16**: 273.
of clays (raw), **6**: 79.
detn. of, **7**: 397.
detn. of, app. for, **2**: 112.
detn. of, of clay, **17**: 642.
detn. of, of plaster of Paris, **18**: 191.
increasing, in clay, **14**: 403.
increasing, in white ware, **8**: 74.
of lime, increase with length of setting period, **8**: 228, 234.
as measure of plasticity, **6**: 82, 83, 84.
of plaster of Paris, effect of variations in lime, water and temp. during setting on, **18**: 187.
of porcelain, effect of compn. on, **4**: 126.
of porcelain, effect of various lime fluxes on, **10**: 277.
of raw clays, relation to transverse strength, **12**: 141.
test of, **16**: 576.
Tephroite, system: willemite–tephroite–soda glass, **19**: 674.
Terra cotta, **1**: 15.
action on plaster molds, **9**: 192.
bodies, slips and glazes, **16**: 169.
clay for, in Missouri, **9**: 90.
clay suitable for, **9**: 255; **17**: 646, 648.
costs, arrangement of manufg. and selling, **10**: 381.
cracking of, **8**: 95.
crushing strength of, **10**: 135; **11**: 75.
crushing strength of, relation to absorption, **12**: 90.
as decorative building material, **1**: 15.
drying, **11**: 375; **13**: 746.
enamel for, pink discoloration of a white, **14**: 640.
exhibits at St. Louis Exposition, **7**: 48.
failure in the wall, causes for, **19**: 593.
firing in open kilns, **9**: 661.
glazed clay-ware as an architectural decoration in exterior *vs.* interior work, **8**: 153.
glazes for, **4**: 77; **8**: 364; **9**: 577; **13**: 550; **14**: 840.
effect of clay on fusibility of, **18**: 515.
effect of variable silica and alumina on, **18**: 282.
low-fusing, **18**: 515.
production of black spots upon, **14**: 227.
white, at cones 6 and 7, **17**: 380.
granite-imitation glaze for, **14**: 245.
kiln, **9**: 683, 684, 690.
kiln bottoms, **14**: 129.
kiln, heat distribution in, **10**: 434, 438.
kiln (muffle), **9**: 681.
kilns for architectural, **8**: 125.
mat for, **14**: 694.
molds, improvements in methods of making, **19**: 585.
pinholing and peeling on, **19**: 209.
plant, construction and operation of, **9**: 506.
plant of Van Briggle Pottery Co., **10**: 65.
polychrome, **9**: 473; **19**: 653.
resistance to frost, lab. test for, **11**: 71.
shivering of, by sol. sulfates, **17**: 313.
shivering of, sol. salts as cause of, **16**: 167.
spitting-out in, **9**: 504.
Tesserae, **7**: 100.
Texas clay, **6**: 79; **10**: 91; **11**: 396, 551, 601; **12**: 228; **16**: 478.
Texas shale, **11**: 440.
Thermal conductivity, See *Conductivity, thermal.*
Thermocouples. (See also *Pyrometers.*) **11**: 456; **14**: 258.
calibration, potentiometer for, **19**: 266.
temp. measurement by, **18**: 363.
Thermo-electric phenomena, in silicates, **17**: 218.
Thermometer, gas, **11**: 456.
Thermometry. See "measurement" under *Temperature.*
Thermoscopes, comparison to Seger cones, **8**: 159, 165.
Thermostat, **19**: 558, 563.
Thioaluminate, **16**: 324.
Tile, absorption detn. in, **18**: 903.

clay for, in Missouri, 9: 86.
clays for, weathering and pugging, 3: 176.
crazing of, 7: 86.
drain, clay for, properties of, 17: 648.
drain, comparison between sodium sulfate and freezing tests for, 18: 642, 923.
drain, producers at Cleveland, O., 18: 454.
dust-pressed, effect of variation in pressure and moisture on the forming of, 19: 409.
dust-pressed, effect of variation of pressure in the forming of, 19: 94.
fire-clay, failure in a gas works, 7: 185.
floor, 16: 127.
bodies made from clay, 7: 95.
classification of, as related to degree of vitrification, 17: 484.
pink vitrified, 15: 140.
production of vitrified black and chocolate, 14: 262.
stiff-mud, 14: 546.
tests of, 15: 233.
toughness of, 7: 371.
industries in Europe, 15: 670.
kiln bottoms, 14: 130.
load-carrying power of, test furnace used in making tests of, 7: 196.
opalite, set in cement, crazing of, 7: 86.
promenade, manuf. of, 14: 162; 19: 361.
quarry, 17: 777.
resistance to frost, lab. test for, 11: 71.
roofing, 13: 306.
green color in, 16: 211.
manuf. in Shropshire, 3: 177.
plant at Neustaedtel, Silesia, 17: 602.
porosity of Am., 8: 154.
slips and glazes, 16: 144.
unweathered clay for manuf. of, 3: 171.
wall, crazing test for, 18: 622.
wall, range in compn. of body, 13: 89, 93.
warpage of roofing, clays, 12: 818.

Tin, chrome-, colors, 11: 52.
chrome-, colors at cone 9, 19: 378.
chrome-, pink, 6: 148; 12: 517; 13: 324.
chrome-, pink, constitution of, 4: 230; 5: 242.
chrome-, pink, effect of various combinations, amts. and source of chromium, 11: 228.
chrome-, pink, production of red from, 14: 172.
chrome-, red glazes, 17: 278.
detn. in enamel, 12: 149.
effect on ruby color in glass, 16: 291, 305.
in glaze, function of, 5: 253.
production of ceramic red colors, 11: 48.

Tin chloride, iron removal from enamels by, 17: 129.

Tin oxides, analysis of, 12: 160.
in chromium oxide glaze, 16: 358.
dielec. const. of, 13: 476.
effect on terra cotta glazes, 17: 380.
in enamels for cast iron, replacement by antimony oxide, 14: 740.
in enamels for steel, substitution by zinc oxide plus antimony oxide, 11: 151.
in fluxes, 4: 139.
formula and mol. and equiv. wts. of stannic, 2: 210.
glaze, 4: 144.
as opacifier, 12: 461; 14: 509; 16: 355.
requirements as pottery material, 12: 447.

Titanic acid, in glazes, 4: 43, 45.

Titanite, melting point of, 9: 431.

Titanium, detn. in enamels, clays and silicate minerals, 12: 158.
in mat glazes, 7: 121.

Titanium oxide. (See also *Rutile*.)
coloring power of pure, compared to rutile, 16: 355.
in cryst. glaze, 17: 759.
as crystallizing agent in glazes, 9: 363.
crystal production in glazes by, 10: 185.
effect on chrome-alumina colors, 13: 304.
effect on point of deformation of clay, 12: 533
system: soda–zinc oxide–silica, 17: 745.

Toughness. (See also *Rattler test*.)
of china bodies, effect of various oxides on, 11: 494.
compn. and, 13: 395.
cooling rate and, of vitrified paving brick, 9: 618.
detn. of, of silicates, 9: 428.
elasticity modulus and, 17: 469.
grain size of added silica and, of shale, 16: 208.
of ground coat for sheet-iron enamel, relation to ability to take finish enamel, 18: 352.
increase of, by talc, 15: 543.
increasing, in vitrified china, 11: 525.
of porcelain body, relation to compn., 7: 370.
of shale, effect of calcium carbonate on, 16: 203.
of shale, effect of silica on, 16: 204.
testing by rattler, 8: 120.
vitrification and, 12: 265.

Tourmaline, in feldspar, effect on pottery, 12: 436.
in flint clay, 14: 323, 326.
for granite-imitation glazes, 14: 246.
in pegmatite, 14: 439.

Transformer, for testing porcelain, 14: 268, 281.

Translucency. (See also *Transparency*.)
in bodies of high porosity, 7: 149.
of china bodies, effect of various oxides on, 11: 494.
detn. of, 13: 104, 400; 15: 543.
increase of, by whiting and fluorspar, 8: 153.
limits of, in porcelain and feldspathic earthenware, 13: 261, 269, 275.
of mixts. of clay, spar and flint, 5: 290; 13: 481.
from phosphoric acid, 8: 236.
of porcelain, effect of RO fluxes on, 7: 395.
produced by free hydrated silicic acid in clay, 3: 35.
produced by talc, 15: 543.
rational compn. and, 14: 375.
soda feldspar content and, 16: 215.
of white-ware bodies, classification by, 13: 94.

"**Translucin,**" **17**: 195.
Transparency. (See also *Opacity; Translucency.*)
measuring, **17**: 150.
Transportation, gravity haulage system, **15**: 354.
plant for clay, **16**: 216.
rope haulage for shale, **14**: 347.
Transverse strength, **14**: 356.
of bricks from western Canada, **14**: 82.
of clays in the dried state, **16**: 273.
of raw clays, relation to tensile strength, **12**: 141.
of sand-lime brick, **12**: 83.
Transverse test, **15**: 262; **16**: 98.
Trap, analyses of fresh and weathered, **13**: 384.
Tridymite, formation of, in firing of silica brick, **18**: 522.
inversion of, **19**: 84.
Tube mill. See *Mill.*
Tubes, fire-proof porcelain, **9**: 637.
of Marquardt porcelain, **19**: 397.
sterilizing, amianthus in manuf. of, **7**:149.
Tungstic acid, as crystallizer for glazes, **10**: 63.
Tunnel kilns. See *Kilns.*

United States Potters' Association, co-operation with Am. Ceram. Soc., **12**: 614.
Units, establishment of uniform, **9**: 49.
Uranium, cobalt, colors, **16**: 209.
Uranium oxide, **9**: 777.
black glaze from, **16**: 355.
coloring power of, in glazes of various compn., **8**: 210.
formulas and mol. and equiv. wts. of, **2**: 210.
glaze, **10**: 61.
Uranyl nitrate, underglaze color production by, **16**: 487.
Utah clays, **13**: 277.

Vanadium silicate, **12**: 690.
Vapor pressure, relation to drying, **19**: 542.
of silicates, **9**: 454.
Veritas firing rings, **16**: 222; **17**: 493.
Vesicular structure, **15**: 215.
formation in clays during firing, **15**: 71.
increase of, by high flint content, **15**: 318.
in porcelain from feldspar, **12**: 636, 675.
Vicat needle, **19**: 576, 581, 584.
Vinegar, action on enamels. **13**: 494.
effect on glaze, **11**: 373.
Virginia clay, **13**: 357.
Viscosimeters. (See also *Plasticimeter.*)
10: 391; **16**: 153; **17**: 331, 639, 655.
Clark, **12**: 383; **15**: 401.
for enamel slips, **19**: 348.
Stormer, **11**: 596.
Viscosity. (See also *Consistency; Fluidity.*)
15: 405.
alkalinity and, **11**: 372.
of clay mixts. without addition of alkali, **17**: 344.
of clay slips, **10**: 389.
of clay slips as detd. by the Clark app., **12**: 383.
of clay suspensions, effect of alkalies on, **19**: 460.
of clay–water systems, effect of acids, alkalies and salts on, **18**: 770.
control in slips and glazes, **17**: 652.
definition of, **16**: 574.
effect on sedimentation rate, **17**: 335.
effect on softening period of silicates, **12**: 338.
of enamel, keeping uniform, **16**: 449.
of enamel, relation to shrinkage and adhesive power, **18**: 164.
of enamel slip, **19**: 348.
formula, const. of, **17**: 350.
function in glaze manuf., **12**: 539.
of glass, **12**: 586.
of glass, effect of magnesia on, **11**: 616.
of glass, increase by alumina, **15**: 605.
of glazes, **15**: 703.
of kaolin, effect of varying, on capacity of refining plant, **18**: 778.
of kaolin, factors affecting, **12**: 774, 778.
of kaolins treated with different amts. of sulfuric acid, effect of alkalies on, **19**: 134.
load test as measure of, **13**: 217.
pinholing and, **17**: 166.
of porcelain bodies, **15**: 328; **17**: 130.
principles controlling the formation and removal of bubbles in molten glass, **19**: 203.
range of barium glasses, **18**: 336.
of shales at different kiln temps., **18**: 842, 930, 935.
of shales at furnace temps., **16**: 571.
of silicates (fused), **9**: 426.
of slips, **11**: 538, 596.
of slips, effect of electrolytes on, **16**: 516, 526, 544.
of slips, effect of sodium carbonate and silicate on, **17**: 335.
of slips from various clays, **17**: 354.
soly. and, **13**: 486.
test of; **16**: 576.
variation of, **13**: 682.
warpage and, **12**: 818.
Vitreous ware. See *Earthenware; White ware;* etc.
Vitrification. (See also *Fusion; Ink test.*)
barium fluoride and, **17**: 203.
in cements, effect of ferric oxide on, **6**: 92.
classification of floor tiles as related to degree of, **17**: 484.
of clay, effect of pressure on, **14**: 822.
of clays, function of time in, **15**: 193.
of clay substance at low temp., effect of quartz on, **7**: 148.
crazing and, in sewer pipe, **7**: 273.
curves indicating, **10**: 299.
definition (legal) of, **16**: 497.
degree of, strength test as indication of, **17**: 652.
of dry-pressed brick, **7**: 243.
of dust-pressed bodies, **15**: 735.
effect of hydrated silica on, in white-ware body, **12**: 53.

effect on, of agents for preventing settling of clay slip, **13**: 644.
explanation of, **15**: 328.
feldspar and, **7**: 148.
fluidity and, **13**: 674.
increasing, by fire-clay addition to impure clay, **17**: 455.
lime and, **13**: 689.
measureable indices of, **16**: 501.
by molds, **10**: 87.
nature of process of, **16**: 504.
of porcelain, effect of RO fluxes on, **7**: 396.
progress of, in white-ware body compns., **15**: 286.
range and di-elec. behavior of some porcelains, **12**: 628; **13**: 704.
range, factor of safety, **9**: 314.
ranges of clays, detn. of, **17**: 424.
requirement for brick, **12**: 312.
salts and, **17**: 706, 708.
of shale, function of time in, **13**: 387.
shrinkage and, **16**: 222.
talc and, **15**: 543.
time effect on, **13**: 745.
toughness and, **12**: 265.
warpage a d **12**: 859; **17**: 121.
zones in paving brick, **5**: 234.

Vitrifying point, of clay, effect of magnesia on, **6**: 86.
Volcanoes, ash of, clay from, **3**: 40.
Voltage, measuring app., **14**: 270.
Voltmeter, electrostatic, and its calibration, **14**: 282.
Volume. (See also *Expansion; Shrinkage.*)
change on fusion, causes of, **10**: 297.
changes due to fusion in porcelain, **10**: 283.
changes in porcelain skeleton, **10**: 285.
changes of some American bond clays at different firing temps., **19**: 601.
detg., in porcelain, **10**: 286.
pyro-physical behavior of flint fire clays, **10**: 365.
relation to temp. in some American bond clays, **19**: 604.
of sealed pores, measuring, **11**: 60.
temp.-porosity-, changes of some porcelain bodies, **19**: 636.

Wall plaster. See *Plaster.*
Warpage. (See also *Deformation.*)
biscuit loss by, **8**: 64, 74.
of clay ware in drying, **3**: 35.
compn. and, **13**: 481.
drying, in firebrick shapes, **18**: 85.
grain size of feldspar and, **13**: 745.
from mixed potash-soda feldspars in porcelain, **16**: 214.
rate of, compared to rate of shrinkage and decrease of porosity, **17**: 121.
rational compn. and, **14**: 375.
reduction by admixture of quartz, **12**: 562.
of roofing-tile clays, **12**: 818, 839.
of sanitary ware, **15**: 474.
of terra cotta, effect of drying treatment on, **13**: 746.
as test for quality of fire clay, **17**: 120.
viscosity test as test of, **18**: 932.
of wall tile, **13**: 90.

Washing. (See also *Elutriation.*)
clay, **15**: 338; **18**: 767; **19**: 131, 460.
clay, effect on plasticity, **3**: 178.
of clays, deflocculating agents in, and the effect of the process on the color, **17**: 81.
kaolin, water for, **14**: 467.

Washing apparatus, for plaster pail, **16**: 240.
Washington clay, **13**: 751.
Water, alkali, effect on concrete, **11**: 70.
amount of, used in making up clay, **12**: 510.
in clay from different depths, **14**: 465, 466.
for clay grading, effect on color, **11**: 663.
from clay press re-use of, **11**: 365.
combined, expelling from clay to reduce adhesiveness, **13**: 785.
content allowable in dried clay wares, **19**: 561.
as cutting agent for dust-pressed ware, **14**: 569.
disruptive effect on clay, **17**: 616, 628.
distribution of shrinkage and pore, after preheating, **12**: 508.
effect in preventing crumbling of brick contg. lime, **14**: 224.
effect of amt. of, on setting of plaster of Paris, **18**: 180.
effect of amt. of, on strength of, clay, **15**: 349.
effect of content of, in application of mat glazes, **19**: 428.
effect of dish-, on glaze, **13**: 226.
effect of variation in, on forming of dust-pressed tile, **19**: 409.
effect of varying amt. of, on fluidity of clay, **16**: 393.
effect of varying content of, in a fire clay mixt., **17**: 436.
effect on cement of various amts. of, **16**: 313.
effect on strength of brick, **17**: 664.
effect on strength of clay, **15**: 270.
elec. cond. of, as means of control, **15**: 531.
elec. inductive capacity of, **13**: 476.
in ground on which kilns are built, capillary movement of, **2**: 27.
loss in clay firing, graphic method showing, **5**: 364.
loss in drying of clays, **16**: 416.
as lubricant for clay, **11**: 417, 450.
mechanical, in clay, **11**: 449.
physical properties of, **9**: 543.
of plasticity, **11**: 566; **12**: 826; **17**: 411.
of plasticity, Atterberg plasticity no. and, **16**: 481, 484.
of plasticity, calcn. of theoretical, **14**: 74.
of plasticity of some American bond clays, **19**: 601.
proportion of, for mortar, **16**: 151.
ratio of pore water to shrinkage water in some American bond clays, **19**: 601.
relation to plasticity and binding power of clay, **6**: 68.
retained in drying clay, effect of electrolytes on amt. of, **16**: 521.

sea, effect on cement, **5**: 77, 91.
slip-house, **12**: 805.
solvent power for fine-grained minerals, **12**: 779.
spitting-out and, **9**: 503.
for tempering clay, effect of tannin and other org. compds. on amt. necessary, **6**: 37, 231, 258.
for tempering kaolin, effect of quartz content on amt. of, **12**: 563.
vol. shrinkage of clay with different amts. of, **15**: 192.
for washing kaolin, **14**: 467.
Water glass. See *Sodium silicate.*
Water of hydration, detn. in study of silicates, **5**: 234.
Water pipes, porcelain, **7**: 274.
Water smoking. See *Firing.*
Water vapor, content of satd. air at different temps., **19**: 540.
Waxes, for die lubrication in manuf. of dust-pressed ware, **14**: 558.
Weathering, **13**: 71, 336.
of clay, **11**: 539 **19**: 106, 123.
clay, unweathered *vs.* weathered, **3**: 171.
of drain tile, sodium sulfate test *vs.* freezing test, **18**: 642, 923.
of fire clays, **14**: 399.
of fire clays in the manuf. of face brick and paving block, **16**: 405.
kaolinization by, **13**: 51.
resistance to, **17**: 249.
rock, bibliography of, **13**: 364.
sodium sulfate test for, **18**: 686, 713.
of soft clays, **14**: 345.
West Virginia clay, **16**: 571.
West Virginia shale, **16**: 281.
White lead, in glaze manuf., **19**: 442.
White ware. (See also *China; Sanitary ware.*)
biscuit loss in the manuf. of, **8**: 62.
bodies, clay selection for, **14**: 359.
bodies, correction of glaze defects on, **13**: 157.
body, effect of hydrated silica on, **12**: 52.
classification of, comm. rept. on, **13**: 102.
clay for, in Missouri, **9**: 85, 94.
clay substance in, balance between clays of opposite types used to introduce, **12**: 670.
clays used in, influence of physical character of, **8**: 253.
from Colo. raw materials, **8**: 98.
color of, effect of rate of cooling of the kiln on, **2**: 184.
color of, measurement of, **13**: 111.
compn. of glazed, bodies made from clay, feldspar and flint, range in, **13**: 86.
constitution and microstructure of, **18**: 409.
cost distribution in manuf. of, **2**: 160; **3**: 193.
cost of, calcn. of, **9**: 785.
crazing of, testing of, **15**: 368.
education in, industry, **12**: 213.
expansion coeff., influence of clay, feldspar and flint on, **13**: 431.
feldspar in, **13**: 184.
fine grinding of material in, manuf., **3**: 36.
firing, with bituminous *vs.* anthracite coal, **3**: 221.
fuel consumption of some, kilns, **14**: 387.
glaze, failure when porcelain-like structure is developed, **7**: 76.
grading, **12**: 306.
pottery, construction and equipment of, **5**: 347; **6**: 203.
raw materials for, testing of, **9**: 54.
spitting-out in, **9**: 493.
standards for, **12**: 314.
tannin in manuf. of, **6**: 45, 58, 64, 233, 259.
vitrification in, body compns., **15**: 286.
Whitewash, effect on paving brick, **1**: 104.
Whiting. (See also *Calcium carbonate.*)
deformation behavior of silicates in reference to, **17**: 672.
effect on earthenware body, **8**: 153.
as flux in porcelain manuf., **10**: 265, 288; **11**: 192, 198.
as flux in vitreous tesserae, **7**: 103.
fusion curve of mixts. with feldspar and ferric oxide, **10**: 260.
substitution of dolomite for, in ceramic body and glazes, **3**: 126; **12**: 534.
Willemite, **4**: 41.
glazes from, **6**: 193.
as opacifier, **14**: 107.
systems: feldspar–wollastonite–willemite and feldspar–anorthite–willemite, **18**: 426.
system: willemite–tephroite–soda glass, **19**: 674.
Witherite. (See also *Barium carbonate.*)
as source of barium, **17**: 241.
Wollastonite, crawling caused by, **14**: 108.
crazing caused by, **14**: 109.
effect on gloss, **14**: 107.
effect on heat range of mat and glossy glaze, **14**: 674.
in glass, **13**: 189.
glazes, **19**: 319.
melting point of, **9**: 431.
specific heat of, **14**: 397.
system: feldspar–willemite–wollastonite, **18**: 426.
Wood, for cylinder linings, flint blocks *vs.*, **10**: 133.

Yellow lead. See *Lead oxides.*

Zeolites, **12**: 690.
glazes and, **12**: 707.
Zettlitz kaolin, **3**: 30, 32; **13**: 407.
Zinc, in Bristol glaze, state of, **5**: 144.
colors produced by nickel oxide in ceramic mixts. contg., **14**: 143.
crystal glaze, **15**: 416.
crystals, **9**: 782.
effect of content of, on terra cotta glazes, **14**: 846.
as flux for enameled-brick glaze, **5**: 264.
glazes contg., action of chromium oxide in, **10**: 124.
in mat glaze, **5**: 56.

muffles, changes in, **7**: 277.
stone formation in barium glass by, **12**: 372.
Zinc chromates, in chrome green glaze, **17**: 671.
Zinc compounds, effect of some unusual, in a chrome green glaze, **17**: 667.
Zinc orthosilicate, in cryst. glazes, **17**: 759.
Zinc oxide, base contg., resistance to firing, **2**: 155.
in Bristol glazes, **4**: 69; **19**: 302.
crazing prevention by, in enamels, **14**: 530.
crystalline glaze production by, **8**: 366; **9**: 338; **10**: 185.
dielec. const. of, **13**: 476.
effect of varying, against sodium oxide in glazes, **16**: 342.
effect on china bodies, **11**: 494.
on chrome-alumina colors, **13**: 303.
on chromium oxide as coloring agent in mat glaze, **16**: 248.
on chromium oxide as underglaze stain, **16**: 261.
on copper oxide glazes, **4**: 278.
on crystal development in glazes, **9**: 328.
on enamels, **13**: 529.
on fusibility of fritted glazes, **19**: 652.
on glaze colors, **12**: 121.
on glazes, **4**: 41.
on green chromium stains, **14**: 429.
on opacity of glaze, **13**: 559, 571, 573.
on terra cotta glazes, **17**: 380.
on underglaze colors contg. Cr, **15**: 118.
in enamels for steel, substitution of antimony oxide and, for tin oxide, **11**: 151.
in enamels on cast iron, **14**: 522.
fluxing power of, **13**: 509.
as flux in vitreous tesserae, **7**: 106.
formula and mol. and equiv. wts. of, **2**: 210.
in glass, **12**: 371.
in glass resistant to chemicals, **17**: 526.
in glazes, **3**: 113.
in glazes for semi- and vitrified china bodies, **17**: 520.
as opacifier, **12**: 461.
opacifying effect of, compared to that of magnesia, **11**: 611.
reaction with flint and asbestos under steam pressure, **15**: 129.
requirements as pottery materials, **12**: 446, 456.
surface tension of glaze increase by, **14**: 678.
systems: soda–silica–, and titanic oxide–silica–, **17**: 745.
volatilization of, effect on cones and glazes, **18**: 641.
Zinc phosphate, pink produced in chrome green glaze by, **17**: 671.
Zinc silicate, crystals, **8**: 336.
formed under steam pressure, **15**: 130.
glazes, **4**: 42; **19**: 322.
thermoelec. phenomena in, **17**: 218.
Zinc titanate, in cryst. glaze, **17**: 759.
Zircon, in flint clay, **14**: 323, 326.

FEB 10 1921